

URS

2007 ANNUAL GROUNDWATER MONITORING REPORT

**Ashland Inc.
Kansas City, KS**

Prepared for:
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June 28, 2007

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RCRA RECORDS

A013



June 28, 2007

U.S. Environmental Protection Agency
901 North 5th Street ARTD/RCAP
Kansas City, Kansas 66101-2907
Attn: Mr. Harry Gabbert

RE: 2007 Annual Groundwater Monitoring Report
Ashland Kansas City Facility

Dear Mr. Gabbert:

In accordance with the Corrective Measures Implementation Plan dated February 2001 and approved in a letter from the USEPA dated March 1, 2004, URS hereby submits the results of the annual groundwater sampling at the Ashland Distribution Services Organization facility located in Kansas City on behalf of Ashland, Inc.

Groundwater samples were collected during the periods on August 4, 2006, November 21, 2006 and January 9, 2007 from three key monitoring wells (MW-2A, MW-6, and MW-9A). Groundwater samples were again collected from 17 monitor wells during the annual sampling conducted during the period April 3-5, 2006. VOC concentrations in all wells were less than the corresponding MCL for all four sample events. The results of this sampling are presented in the attached report.

If you have any questions, please call me at (678) 808-8941.

Sincerely,
URS Corporation

S. Russell Killebrew, PE
Principal Engineer

Attachments

cc: Kenny Ogilvie, EHS Support
Susie Drye, Ashland, Inc.
Richard Johannes, URS Overland Park
File

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2007 Annual Groundwater Monitoring Report

**Ashland Inc.
Distribution Services Organization
Kansas City, Kansas**

PREPARED BY

URS Corporation

June 28, 2007

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1.0 Introduction

1.1 Introduction and Overview

In accordance with the Corrective Measures Implementation Plan dated February 2001 and approved in a letter from the United States Environmental Protection Agency (USEPA) dated March 1, 2004, this report presents the results of annual groundwater sampling conducted in April 2007 at the Ashland Distribution Services Organization (DSO) facility in Kansas City (5420 Speaker Road), Kansas (66101). It is submitted by URS on behalf of Ashland Inc. (Ashland).

The report is divided into four sections; Section 1.0 provides an introduction and overview of the site, Section 2.0 presents the results along with a comparison with previous data, and Section 3.0 provides an assessment of potential for natural attenuation of groundwater contamination at the site. Conclusions are presented in Section 4.0.

Historical data presented in this report was obtained from the following documents:

- *Draft RCRA Facility Investigation Report* (Supplemental Contamination Assessment Report), September 13, 1990, prepared by T.M. Gates, Inc.
- *Work Plan for Additional Groundwater Investigation*, July 22, 1992, prepared by Groundwater Technology, Inc.
- *Supplemental RCRA Facility Investigation Report*, February 1996, prepared by Groundwater Technology, Inc.
- *Results of March and June 1999 Groundwater Sampling at Ashland DSO Facility*, Kansas City, Kansas, August 1999, prepared by URS Greiner Woodward Clyde.
- *2004 Annual Groundwater Monitoring Report*, December 7, 2004, prepared by URS Corporation.
- *2005 Annual Groundwater Monitoring Report*, September 29, 2005, prepared by URS Corporation.
- *2006 Annual Groundwater Monitoring Report*, August 17, 2006, prepared by URS Corporation.

These documents, particularly the *Supplemental RCRA Facility Investigation Report*, provide a history of site operations and regulatory issues, a discussion of the surrounding land use, a description of the regional and site-specific geology, and a summary of previous soil and groundwater investigations.

An air sparge and soil vapor extraction (AS/SVE) system was pilot tested on site in January 2000. The pilot test was successful and the full scale system was installed during July and August 2000. Following installation, the full scale system was operated from December 20, 2000, until March 8, 2001, as a startup period to identify and correct potential design or mechanical problems. During this period of startup operation, the system accumulated 67 days of run time, removing an average of 18 pounds per day of volatile organic compounds (VOCs). The system was inactive after the initial startup period, pending EPA approval of the *Corrective Measures Implementation (CMI) Plan* (February 2001). The CMI was approved on March 1, 2004, and an injection permit for air sparging was granted by the Kansas Department of Health

Introduction

and Environment (KDHE) Bureau of Water on July 1, 2004. After the completion of the 2004 (annual) groundwater sampling event in August 2004 (conducted to provide a baseline for comparison with future groundwater sampling results), the operation of the AS/SVE system resumed on January 10, 2005. In accordance with the recommendations provided within the *2005 Annual Groundwater Monitoring Report* (URS), after one-year of operation the AS/SVE system was again shut down on January 10, 2006 to observe any potential rebound effects that may occur in groundwater. During the one-year operation of the AS/SVE system, the system ran for 7200 hours at a rate of 450 standard cubic feet per minute (scfm); resulting in the removal of 158 pounds of volatile organic compounds (VOCs), at an average removal rate of 0.022 pounds per hour, or about 0.5 pounds of VOCs per day.

Following the shut down of the system, field personnel began quarterly groundwater sampling in January 2006 (1Q06) and the annual groundwater sampling event was completed in April 2006 (A06). Results of these first two quarterly sampling events are discussed in the *2006 Annual Groundwater Monitoring Report*. Subsequent quarterly groundwater sampling events were performed in August 2006 (3Q06), November 2006 (4Q06), and January 2007 (1Q07) which are discussed in this report.

In accordance with the recommendations provided within the *2005 Annual Groundwater Monitoring Report*, quarterly sampling is conducted at the three key wells (MW-2A, MW-6, and MW-9A) that historically have indicated the presence of VOCs above maximum contaminant levels (MCLs) within affected groundwater. During the three quarterly sampling events presented in this report (3Q06, 4Q06 and 1Q07), the groundwater samples obtained from these three monitoring wells were submitted to Severn Trent Laboratories (STL) in Savannah, Georgia, for analysis of VOCs by EPA Method 8260B.

The current annual groundwater sampling event for 2007 (A07) was conducted in April of this year. During the A07 sampling event, a total of 17 groundwater monitoring wells were sampled and analyzed by STL for VOCs by EPA Method 8260B, chlorinated VOCs (8021B), dissolved gases (methane, ethane, and ethene) (Robert S. Kerr, Method 175), chloride (Method 325.2), sulfate (Method 375.4), nitrogen (nitrate-nitrite) (Method 353.2), and total organic carbon (TOC) content by Method 415.1.

2.0 Current Site Conditions

2.1 Groundwater Sampling Procedures

Monitoring well locations are shown in Figure 1. Well identification numbers are followed by an "A" for shallow wells and followed by a "B" for deep wells. Wells without an "A" or a "B" designation are shallow wells. Shallow wells are approximately 40 feet deep with 10-foot screens, except for MW-10 and MW-14, which have 20-foot screens. Deep wells are typically 70 feet deep with 10-foot screens, except for the upgradient well MW-7B, which is over 90 feet deep and has a 5-foot screen completed in bedrock. Wells with number designations greater than 100 are part of the formerly-active onsite remediation system. They are not groundwater sampling wells. Wells MW-104 to MW-107 are combination AS/SVE wells, while well MW-101 and wells MW-108 to MW-112 are configured for air sparging only. As intended, the remediation system wells are not included in the monitoring plan and were not sampled as part of this sampling event.

As previously noted, during the A07 sampling event groundwater samples were collected from 17 of the existing 20 groundwater monitoring wells at the site. MW-3 and MW-10 were damaged prior to the sampling event conducted in 2004 and are no longer capable of being sampled. The riser pipes on these two wells may have been struck by traffic or grass mowing equipment, and neither well can be repaired. Because monitoring wells MW-2A and MW-2B are located between the known former peripheral extent of the plume and MW-10, the presence of well MW-10 as an operating monitoring point is no longer necessary to complete the monitoring network. Similarly, since monitoring well MW-11 is currently located upgradient of MW-3, the lack of a sample from this well during A07 is not detrimental to the overall sample analysis. During this sampling event, monitoring well MW-14 was dry.

The groundwater samples for the A07 sampling event were sent offsite for VOC analysis by EPA Methods 8260B at STL laboratories. The VOC data was evaluated to determine whether any dissolved phase analytes are present above MCLs.

During the A07 sampling event, geochemical parameters were also collected to evaluate natural attenuation and assist in determining whether to continue the use of biosparging to enhance natural attenuation. Water level measurements, physical parameters (temperature, turbidity), and geochemical parameters (pH, conductivity, oxidation-reduction potential, dissolved oxygen, and ferrous iron content) were also collected to evaluate natural attenuation of constituents currently detected in groundwater. Dissolved oxygen (DO), conductivity, pH, temperature, and oxidation-reduction potential (ORP) were measured using a YSI Model 556 flow-through multi-parameter meter. Turbidity was measured with a Hach 2100P portable turbidimeter.

To provide some insight with respect to the degree of natural attenuation that is occurring at the site, groundwater samples were also analyzed for methane, ethane, ethene, chloride, sulfate, nitrogen (nitrate + nitrite), and total organic carbon (TOC) by the laboratory, using the appropriate methods and procedures.

Well sampling and analysis activities were conducted utilizing the procedures described in the approved work plan, prepared by URS Corporation, dated April 2002. Prior to sampling, each monitoring well scheduled to be sampled, was purged until the field groundwater geochemical

parameters stabilized. The purge groundwater was contained in 55-gallon drums for temporary storage.

As previously noted, each groundwater sample for quarterly monitoring was analyzed solely for the presence of VOCs by Method 8260B. During the A07 sampling event, each groundwater sample was analyzed for:

- VOCs (Method 8260B);
- dissolved gases (methane, ethane, and ethane) (Robert S. Kerr, Method 175);
- chloride (Method 325.2);
- sulfate (Method 375.4);
- nitrogen (nitrate-nitrite) (Method 353.2); and,
- total organic carbon (TOC) content (Method 415.1) by STL.

The analytical data sheets provided by the laboratory for the 3Q06, 4Q06, and 1Q07 sampling events are included as Appendix A. The analytical data sheets for the A07 sampling event (conducted in April 2007) are included as Appendix B.

2.2 Summary of Groundwater Sampling Results

Table 1 presents the water level measurements taken during the annual (A07) sampling event. Based on these water level measurements, a potentiometric map was prepared and is presented as Figure 2.

Table 2 shows the field measurement results for water quality and geochemical parameters present during the A07 sampling event.

Table 3 presents a summary of volatile organic compounds detected during the A07 sampling event, above the analytical detection limits. MCLs for the compounds detected are also shown on the table. As indicated on Table 3, no VOC constituents exceeded MCLs. Figure 3 presents the total VOC concentration contours during the A07 sampling event. Appendix B contains copies of the laboratory analytical reports for each sample obtained during this annual sampling event.

Table 4 presents a summary of the natural attenuation parameters monitored during the A07 sampling event. Water quality, geochemical parameters, and field parameters related to natural attenuation are also presented on Table 4. These specific results are relevant to natural attenuation and are discussed in Section 3.

Historical analytical data for wells MW-2A, MW-6, and MW-9A is presented on Tables 5, 6, and 7. The extent of the change in the VOC concentrations (largely, BTEX) detected at these particular wells is presented on Figures 4, 5, and 6.

2.3 Comparison with Previous Sampling Results

The A07 analytical results indicate that concentrations of VOCs have decreased in all wells since 1992. Currently, the groundwater analytical data shows no VOC constituent concentrations that exceed any of the MCLs. Historically, exceedances of the groundwater MCLs were typically noted in monitoring wells MW-2A, MW-4A, MW-4B, MW-6, and MW-9A.

Current Site Conditions

Tables 5, 6, and 7 present comparisons of groundwater sampling data (1999 through April 2007) for the occurrence of volatile organic compounds in monitoring wells MW-2A, MW-6, and MW-9A. Figures 4, 5, and 6 present this data in graphical form, illustrating the decline over time of constituent concentrations in these same wells. These three wells (MW-2A, MW-6, and MW-9A) were selected to illustrate the changes in the historical concentration trends at the site, because they provide the most complete record of time series data for the more recent sampling events. Their location within the former groundwater plume at the time of the AS/SVE pilot test and full scale operation of the AS/SVE system, also assures that they are representative sampling locations.

In monitoring well MW-2A, no constituents were detected during the A07 sampling event. As shown in Table 5, MW-2A has not exhibited VOC concentrations above the MCLs during the last six quarterly monitoring events (including A06 and A07) and annual events in August 2004 and May 2005. Historical VOC concentrations in MW-6 have been below MCLs during the last six quarterly monitoring events (including A06 and A07) and annual event in May 2005. In fact, MW-6 has not exhibited concentrations above the MCLs since August 2004 as shown in Table 6. Historical VOC concentrations in MW-9A have been below MCLs during the last six quarterly monitoring events (including A06 and A07) as shown in Table 7. MW-9A was not sampled during the 2Q06, 4Q06, and 1Q07 events because the monitoring well was dry. However, sample results from this event (A07) are again below MCLs for all parameters.

Sampling results from wells MW-14, MW-15, and MW-104 have exceeded MCLs in the past but have not been sampled since the 2004 annual sampling event (A04). Since that time, MW-14 has been dry and could not be sampled at any of the succeeding times that sampling occurred. It will be sampled in the future, if water levels at the site rise to appropriate levels. Monitoring well MW-15, which was last sampled in 1992, can not be located. Well MW-104 is currently an AS/SVE well that was last sampled as part of the pilot test in 2000. At that time, this well showed a 91% decrease in toluene concentrations during the test. All constituents in MW-104 had diminished to levels below MCLs by 2002. As indicated in Section 2.1, because of their specific design, none of the remediation system wells are included in the site's approved monitoring plan and none are sampled during the annual sampling events.

2.4 Site Groundwater Flow Direction and Gradient (A-07)

Figure 2 presents the shallow potentiometric surface map derived from the April 2007 sampling data. The April 2007 potentiometric surface map is similar in groundwater flow direction (northeast) compared to the April 2006 map. The estimated lateral groundwater gradient on Figure 2 is approximately 0.002 ft/ft.

Similar to the conditions noted during Spring 2006, slight mounding of the groundwater table in the area of monitoring wells MW-8A and MW-8B (wells located at the southeastern side of the site) may be due to the proximity of the drainage canal.

3.0 Natural Attenuation Evaluation

3.1 Evaluation of Site for Natural Attenuation of Organic Constituents

As defined by the "Standard Guide for Remediation of Groundwater by Natural Attenuation at Petroleum Release Sites" (American Society of Testing and Materials, E 1943-98, August 1998), natural attenuation is the containment and reduction of the mass and concentration of petroleum hydrocarbons through natural processes including biodegradation, dispersion, dilution, and hydrolysis. The primary evidence of natural attenuation includes observed reductions in plume volume and concentrations of analytes. Secondary evidence is provided by geochemical indicators of naturally occurring degradation. Indicator parameters include DO, ORP, nitrate, sulfate, carbon dioxide, methane, ferrous iron, and manganese.

Primary Indicators (Plume Area and Concentration over Time)

The highest concentrations of hydrocarbon constituents were observed during the first two sampling events that were conducted in June 1989 and June 1990. At that time, the highest observed total BTEX concentration was reported present at a level of 145,000 µg/L in MW-6 (June 1989). Site groundwater concentrations then decreased after a free product recovery system was operated in wells MW-4A, MW-6, and MW-9A as an interim measure during February and March 1992. As previously noted, the AS/SVE remedial system was pilot tested in January 2000, was operated (startup test) from December 20, 2000, to March 8, 2001, and then remained offline until the baseline sampling was conducted in August 2004. After general repairs were made to the dormant system, the AS/SVE system began continuous operation for one year during the period January 10, 2005, to January 10, 2006. In accordance with the conclusions provided in the *2005 Annual Groundwater Monitoring Report*, the operation of the AS/SVE system ceased in January 2006 to observe any potential rebound effects in groundwater. The lack of any observable rebound effect in the results from A07 and quarterly monitoring events following the shut-down of the AS/SVE system appears to support the conclusion that continued operation of the AS/SVE system is unnecessary.

The results of the A04 baseline sampling event indicated that the BTEX concentrations had declined by 90 to 100 percent since the AS/SVE pilot study in 2000 (Tables 5, 6, and 7). During the A04 sampling event, only monitoring well MW-6 exhibited concentrations of VOCs (1,4-Dichlorobenzene, cis-1,2-Dichlorobenzene, and vinyl chloride) above their respective MCLs, and the area of the plume had been dramatically reduced. This declining trend continued during 2005, with only one monitoring well (MW-9A) exhibiting a VOC concentration (vinyl chloride at 6.2 µg/L) above its respective MCL. Confirming the declining trend, during the A06 and A07 sampling events, no VOC concentration exceedances of the MCLs were found at any monitoring well location.

The results of the most recent (A07) sampling event indicate that the BTEX concentrations in the site wells have also continued to decline since the baseline sampling event (August 2004). The only current indication of the past hydrocarbon release at the site is noted by the presence of BTEX in MW-4A, MW-6, and MW-9A (see Table 3), but none of the BTEX concentrations detected in these wells exceed the MCLs.

Significantly, no MCL exceedances were found in any of the monitoring wells, for any of the volatile constituents, during the current (A07), or the preceding (1Q06, A06, 3Q06, 4Q06 and 1Q07), sampling events.

Secondary Indicators (Dissolved Oxygen, Ferrous Iron, Dissolved Iron, Nitrate, Sulfate, etc.)

Similar to the previous annual samplings performed in 2006, the A07 results included sampling for constituents typically utilized as a secondary line of evidence that natural attenuation of a groundwater pollutant plume is occurring. Unlike the primary evidence (reduction of pollutant concentrations and/or mass), the secondary line of evidence may be conducted by showing the various trends in both electron acceptor and metabolic byproduct concentrations. Natural attenuation parameters are summarized in Table 4.

Dissolved oxygen (DO) concentrations define aerobic versus anaerobic conditions. In zones of BTEX impact, dissolved oxygen is depleted because the naturally occurring microorganisms have used the available oxygen as they biodegrade BTEX and other constituents (ASTM, 1998). During the April 2007 annual sampling event, DO levels ranged from 3.69 mg/L to 4.73 mg/L throughout the site. The DO levels indicate that biological activity (i.e. microorganisms breaking down BTEX compounds) is not continuing at the rates previously seen on site, which were sufficient to reduce or deplete dissolved oxygen. This reduction in biological activity would be expected due to the lack of BTEX compounds detected at in groundwater. Therefore, the dissolved oxygen levels have returned to background levels naturally occurring in the area.

Methane is a metabolic byproduct, which would be expected to increase during biodegradation processes. During the A07 sampling event, methane levels consistently decreased or remained consistent compared to A06 results in most wells. This, again, indicates that biological activity in areas of former BTEX impacts are decreasing and the water quality parameters are returning to natural conditions. Methane levels increased slightly in MW-4A, MW-12A, and MW-13 when compared to A06 sampling results. However, MW-12A and MW-13 have not historically exhibited elevated VOC concentrations.

Oxidation reduction (redox) potential (ORP) identifies oxidizing versus reducing conditions in groundwater, and is a measure of the relative tendency of a solution to accept or donate electrons. Redox reactions in groundwater are usually mediated by microorganisms. The ORP levels were consistent throughout the site, with no wells exhibiting ORP levels strongly indicative of biological activity. Thus, ORP levels are returning to natural conditions (or background levels) throughout the site.

4.0 Conclusions

The results of the most recent A07 groundwater sampling event indicate that the VOC concentrations in the site monitoring wells continue to decrease. The historical area of the chlorinated groundwater plume has contracted to the point that no monitoring well at the site exceeds the respective VOC MCLs. Although the presence of residual hydrocarbons is still noted at monitoring wells MW-6 and MW-9A, the levels of BTEX are below MCLs for all VOCs in all wells.

Based upon the analysis of natural attenuation parameters, it appears that the former operation of the air sparging system enhanced the natural attenuation of the residual hydrocarbons and has also contributed to the decline of the chlorinated solvents by cometabolism. Current DO, ORP, and methane levels throughout the site indicate that the site is returning to natural or background conditions.

The site's key monitoring wells (MW-2A, MW-6, and MW-9A) will continue to be monitored on a quarterly basis through 2007 for a total of eight quarters (based upon current EPA practice) to observe any changes in the current plume chemistry and configuration. Assuming that no VOCs are detected above MCLs, the upcoming 3Q07 and 4Q07 quarterly sampling events will complete the groundwater sampling activity for the site. At that time it will be appropriate for EPA to issue a "Corrective Action Complete" determination for the site in accordance with 40CFR 270.42 and the Class 3 Permit Modification request submitted by URS on behalf of Ashland on November 21, 2006. At that time, all of the site monitoring and AS/SVE wells will be properly decommissioned, and the surface treatment equipment will also be decontaminated and removed.

TABLE 1
MONITOR WELL WATER LEVEL MEASUREMENTS
ASHLAND KANSAS CITY DSO

Well ID	Sample Date	Water Level (ft. btoc)	TOC Elev	Water Ft Elev
MW-1	04/04/07	42.64	764.21	721.57
MW-2A	04/04/07	42.92	764.37	721.45
MW-2B	04/04/07	42.67	764.53	721.86
MW-3	Not Sampled	Damaged	765.45	
MW-4A	04/03/07	43.75	765.05	721.30
MW-4B	04/03/07	42.24	764.89	722.65
MW-5	04/04/07	43.29	764.52	721.23
MW-6	04/03/07	45.03	766.22	721.19
MW-7A	04/05/07	42.86	764.14	721.28
MW-7B	04/05/07	42.56		
MW-8A	04/04/07	42.25	763.77	721.52
MW-8B	04/04/07	42.50	763.7	721.20
MW-9A	04/03/07	44.3	765.59	721.29
MW-9B	04/03/07	43.64	765.14	721.50
MW-10	Not Sampled	Damaged	765.49	
MW-11	04/05/07	38.94	760.99	722.05
MW-12A	04/05/07	40.76	762.67	721.91
MW-12B	04/05/07	40.68	762.62	721.94
MW-13	04/05/07	40.26	762.25	721.99
MW-14	Not Sampled	Dry		

Notes:

MW-3 is a damaged well and bailer is stuck inside the PVC casing.

MW-10 is a damaged well.

TABLE 2
FIELD MEASUREMENTS
WATER QUALITY PARAMETERS
ASHLAND KANSAS CITY DSO

Well ID	Sample Date	Temperature (°C)	pH	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTUs)	Fe+2 (mg/L)	ORP (mV)
MW-1	04/04/07	17.0	6.09	0.15	4.19	44	3.4	-68
MW-2A	04/04/07	16.6	6.08	0.12	4.19	0	5.8	-112
MW-2B	04/04/07	16.9	6.15	0.12	4.08	15	3.8	-83
MW-3	Damaged			Not Sampled				
MW-4A	04/03/07	20.2	6.53	0.17	3.69	44	2.8	-43
MW-4B	04/03/07	18.7	6.85	0.11	3.88	6	4	-112
MW-5	04/04/07	16.7	6.23	0.11	4.18	15	4	-69
MW-6	04/03/07	19.6	6.69	0.26	4.11	94	3.2	-23
MW-7A	04/05/07	18.5	5.90	0.10	3.91	2	0	104
MW-7B	04/05/07	14.8	6.12	0.23	4.37	570	2.6	-95
MW-8A	04/04/07	17.3	6.20	0.11	4.52	5	3.8	-37
MW-8B	04/04/07	17.1	6.28	0.11	4.36	21	2.8	-49
MW-9A	04/03/07			No Readings Collected - Sample Bailed				
MW-9B	04/03/07	16.4	6.61	0.12	4.37	110	3.8	-53
MW-10	Damaged			Not Sampled				
MW-11	04/05/07			No Readings Collected - Sample Bailed				
MW-12A	04/05/07	17.6	5.75	0.13	4.14	0	4.8	-81
MW-12B	04/05/07	16.4	6.07	0.12	4.15	56	2	-140
MW-13	04/05/07	15.3	5.72	0.11	4.73	3	5.4	-72
MW-14	Dry			Not Sampled				

Notes:

Water quality parameters were collected by using a YSI 556 WQ Meter and a Hach 2100P (Turbidity).

TABLE 3
ANNUAL VOC GROUNDWATER MONITORING RESULTS
APRIL 2007
ASHLAND KANSAS CITY DSO

		MCL	MW-1	MW-2A	MW-2A-RB	MW-2B	MW-4A	MW-4A-Dup	MW-4B	MW-5	MW-6	MW-7A	MW-7B
1,1-Dichloroethane	ug/l		ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	1.2	ND (1)	ND (1)
cis-1,2-Dichloroethene	ug/l	70	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	1.5	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane	ug/l		ND (1)	ND (1)	ND (1)	ND (1)	1.6	1.7	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (MEK)	ug/l		ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	21	ND (10)	ND (10)
Benzene	ug/l	5	ND (1)	ND (1)	ND (1)	ND (1)	3	3.1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	ug/l	700	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	73	ND (1)	ND (1)
Toluene	ug/l	1000	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	47	ND (1)	ND (1)
Xylenes	ug/l	10,000	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	1100 D	ND (2)	ND (2)
		MCL	MW-8A	MW-8B	MW-8B-D	MW-9A	MW-9B	MW-10	MW-11	MW-12A	MW-12B-RB	MW-12B	MW-13
1,1-Dichloroethane	ug/l		ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	NS	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
cis-1,2-Dichloroethene	ug/l	70	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	NS	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane	ug/l		ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	NS	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (MEK)	ug/l		ND (10)	ND (10)	ND (10)	11	ND (10)	NS	ND (10)	ND (10)	10	ND (10)	ND (10)
Benzene	ug/l	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	NS	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	ug/l	700	ND (1)	ND (1)	ND (1)	8.9	ND (1)	NS	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	ug/l	1000	ND (1)	ND (1)	ND (1)	18	ND (1)	NS	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Xylenes	ug/l	10000	ND (2)	ND (2)	ND (2)	100	ND (2)	NS	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)

Notes: Analytical detections that exceed the MCL are marked in bold.

MW-2A-RB and MW-12B-RB are rinsate samples.

(1) - Reporting limit of 1 ug/L

TABLE 4
ANNUAL NATURAL ATTENUATION PARAMETERS MONITORING RESULTS
APRIL 2007
ASHLAND KANSAS CITY DSO

		MW-1	MW-2A	MW-2A-RB	MW-2B	MW-4A	MW-4A-Dup	MW-4B	MW-5	MW-6	MW-7A	MW-7B
Chloride	mg/l	9.6	30	ND (1)	47	26	27	44	31	180	21	310
Dissolved Oxygen	mg/l	4.19	4.19	NA	4.08	3.69	3.69	3.88	4.18	4.11	3.91	4.37
Ethane	ug/l	ND (0.35)	7.3									
Ethene	ug/l	ND (0.33)	ND (0.33)	ND (0.33)	1.1	ND (0.33)	0.4	69				
Ferrous Iron	mg/l	3.4	5.8	NA	3.8	2.8	2.8	4	4	3.2	0	2.6
Methane	ug/l	5.5	400	ND (0.19)	14	1900	1900	6.6	3	1100	0.31	4600
Nitrate-N	mg/l	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	7.9	8.1	ND (0.05)	ND (0.05)	1.8	ND (0.05)	ND (0.05)
ORP	mv	-68	-112	NA	-83	-43	-43	-112	-69	-23	104	-95
Sulfate	mg/l	380	120	ND (5)	140	310	320	130	100	470	130	120
TOC	mg/l	1.5	2.7	ND (1)	1.1	43	43	1.3	1	68	ND (1)	1.3
		MW-8A	MW-8B	MW-8B-D	MW-9A	MW-9B	MW-10	MW-11	MW-12A	MW-12B-RB	MW-12B	MW-13
Chloride	mg/l	22	43	44	57	46	NS	5.6	24	1.4	41	24
Dissolved Oxygen	mg/l	4.52	4.36	4.36	NA	4.37	NS	NA	4.14	NA	4.15	4.73
Ethane	ug/l	ND (0.35)	NS	ND (0.35)	1.3	ND (0.35)	2.2	13				
Ethene	ug/l	ND (0.33)	NS	ND (0.33)								
Ferrous Iron	mg/l	3.8	2.8	2.8	NA	3.8	NS	NA	4.8	NA	2	5.4
Methane	ug/l	1.8	2.8	3.1	ND (0.19)	4.7	NS	ND (0.19)	380	ND (0.19)	160	470
Nitrate-N	mg/l	ND (0.05)	ND (0.05)	ND (0.05)	21	ND (0.05)	NS	0.6	0.075	ND (0.05)	ND (0.05)	ND (0.05)
ORP	mv	-37	-49	-49	NA	-53.0	NS	NA	-81	NA	-140	-72
Sulfate	mg/l	230	120	120	280	150	NS	100	150	ND (5)	110	52
TOC	mg/l	ND (1)	1.1	1	31	1.2	NS	1.6	4.3	ND (1)	1.3	2.3

Notes: MW-2A-RB and MW-12B-RB are rinsate samples.
(0.05) - Reporting limit of 0.05 µg/L

TABLE 5
HISTORICAL GROUNDWATER TRENDS
MW-2A
ASHLAND KANSAS CITY DSO

Volatile Organic Compounds		MCL	6/21/1999	1/24/2000	4/10/2000	6/12/2003	8/17/2004	5/4/2005	1/23/2006	4/19/2006	8/4/2006	11/21/2006	1/9/2007	4/3/2007
4-Methyl-2-pentanone (MIBK)	ug/l	-	ND (100)	2600	ND (1200)	ND (500)	ND (10)	ND (10)	NS	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Acetone	ug/l	-	ND (100)	110000	15000	ND (1200)	ND (25)	ND (25)	NS	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)
Chlorobenzene	ug/l	100	ND (25)	25	ND (250)	ND (50)	ND (1)	ND (1)	2.0	ND (1)	ND (1)	1.9	1.4	ND (1)
cis-1,2-Dichloroethene	ug/l	70	ND (25)	55	ND (250)	ND (50)	ND (1)	ND (1)	1.5	1.5	ND (1)	ND (1)	ND (1)	ND (1)
Methyl ethyl ketone	ug/l	-	ND (100)	2200	ND (1200)	ND (500)	ND (10)	ND (10)	NS	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-dichloroethane	ug/l	-							3.8	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Benzene	ug/l	5	ND (25)	27	ND (250)	ND (50)	ND (1)	ND (1)	1.0	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	ug/l	700	310	12000	6800	3800	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	ug/l	1000	ND (25)	1300	600	ND (50)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl Chloride	ug/l	2					ND (1)	ND (1)	1.6	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Xylenes	ug/l	10,000	1200	40000	21000	12000	7	ND (2)	32	ND (2)	ND (2)	38	ND(2)	ND(2)
Total VOCs	ug/l		1510	168207	43400	15800	7	0	41.9	1.5	0	39.9	1.4	0

Notes: Analytical detections that exceed the MCL are marked in bold.

(1) - Reporting limit of 1 µg/L

TABLE 6
HISTORICAL GROUNDWATER TRENDS
MW-6
ASHLAND KANSAS CITY DSO

Volatile Organic Compounds	MCL	3/10/1999	1/18/2000	4/12/2000	5/1/2002	6/12/2003	8/20/2004	5/5/2005	1/23/2006	4/21/2006	8/4/2006	11/21/2006	1/9/2007	4/3/2007	
1,1-Dichloroethane	ug/l	-	ND(1000)	ND(1200)	ND(500)	92	ND(20)	92	2.6	ND(5)	2.6	ND (5)	ND(1)	ND(1)	1.2
1,2-Dichlorobenzene	ug/l	600	NS	NS	NS	ND(200)	NS	66	ND(1)	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/l	75	NS	NS	NS	ND(200)	NS	220	1	ND(5)	1.0	NS	NS	NS	NS
cis-1,2-Dichloroethene	ug/l	70	ND(1000)	ND(1200)	ND(500)	ND(50)	ND(20)	120	7	ND(5)	7	ND(5)	ND(1)	ND(1)	ND(1)
2-Butanone (MEK)	ug/l														21
Vinyl chloride	ug/l	2	ND(2000)	ND(2500)	ND(1000)	ND(50)	ND(20)	47	1.2	ND(5)	1.2	ND(5)	ND(1)	ND(1)	ND(1)
dibromomethane	ug/l	-										2.1	NS	NS	NS
Acetone	ug/l	-	ND (100)	ND (100)	ND (100)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	ND (25)	260	ND (130)	ND(25)	ND(25)
Chlorobenzene	ug/l	100	ND (25)	ND (250)	ND (50)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	6.3	ND(5)	ND(1)	ND(1)
chloroethane	ug/l	-									15	ND(5)	15	ND(5)	ND(1)
Trichloroethene	ug/l	5						ND (20)	ND (1)	ND(5)	ND(1)	ND(5)	ND(1)	2.7	ND(1)
Benzene	ug/l	5								3.3	ND(5)	ND(5)	ND(5)	1.6	ND(1)
Ethylbenzene	ug/l	700	1300	1600	1500	810	160	65	70	100	59	66	61	17	73
Toluene	ug/l	1000	33000	48000	35000	3100	790	63	15	ND(5)	ND(5)	ND(5)	ND(1)	8.9	47
Xylenes	ug/l	10,000	17000	21000	19000	8800	6200	1400	540	970	690	560	99	80	1100
Total VOCs	ug/l		51300	70600	55500	12802	7150	2213	655.1	1070	1044.2	626	161.6	109.7	1242.2

Notes: Analytical detections that exceed the MCL are marked in bold.

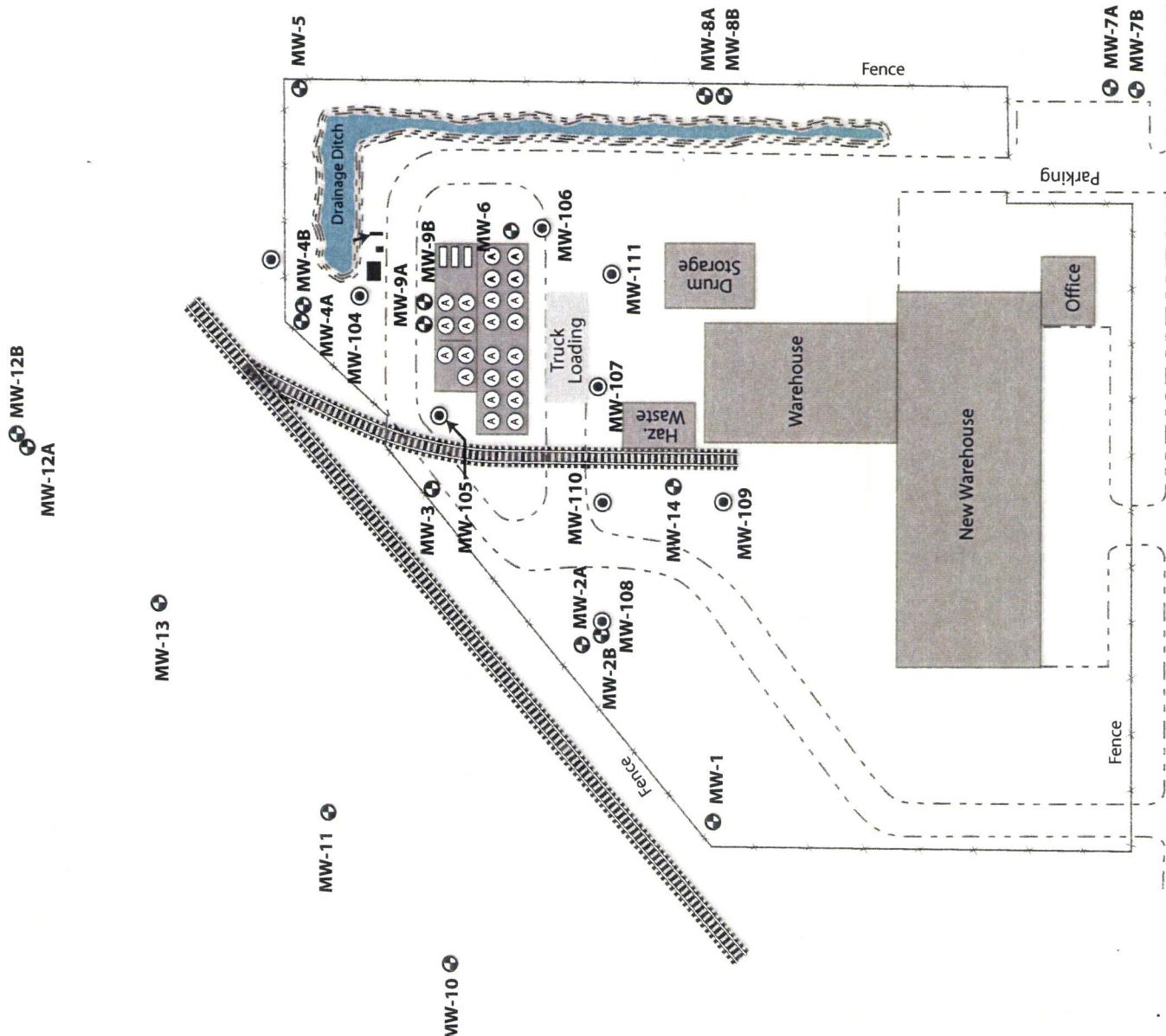
(1) - Reporting limit of 1 µg/L

TABLE 7
HISTORICAL GROUNDWATER TRENDS
MW-9A
ASHLAND KANSAS CITY DSO

Volatile Organic Compounds	MCL	3/9/1999	1/18/2000	1/21/2000	4/12/2000	10/24/2000	5/1/2002	6/12/2003	8/19/2004	5/5/2005	1/24/2006	4/18/2006	8/4/2006	11/21/2006	1/9/2007	4/3/2007
1,1,1-Trichloroethane	ug/l	200	ND(1200)	ND(620)	ND(1000)	ND(500)	ND(50)	ND(1)	1.4	ND(1)	ND(1)	NS (dry)	ND (1)	NS (dry)	NS (dry)	ND (1)
1,1-Dichloroethane	ug/l	-	ND(1200)	ND(620)	ND(1000)	ND(500)	630	57	ND(1)	8.4	12	ND(1)	NS (dry)	ND(1)	NS (dry)	ND (1)
cis-1,2-Dichloroethene	ug/l	70	ND(1200)	ND(620)	ND(1000)	ND(500)	500	ND(50)	ND(1)	19	1.5	NS (dry)	ND(1)	NS (dry)	NS (dry)	ND (1)
Acetone	ug/l	-	ND(12000)	ND(6200)	ND(10000)	ND(5000)	ND(500)	ND(1200)	120	ND(25)	ND(25)	NS	NS (dry)	ND(1)	NS (dry)	NS (dry)
Chloroethane	ug/l	-	ND(2500)	ND(1200)	ND(2000)	ND(1000)	ND(100)	ND(50)	17	10	7	36	NS (dry)	ND(1)	NS (dry)	NS (dry)
Methyl ethyl ketone	ug/l	-	ND(6200)	ND(3100)	ND(5000)	ND(2500)	ND(250)	ND(500)	320	ND(10)	ND(10)	NS	NS (dry)	ND(1)	NS (dry)	11
Styrene	ug/l	100	ND(1200)	ND(620)	ND(1000)	ND(500)	ND(50)	ND(200)	3.9	ND(1)	ND(1)	ND(1)	NS (dry)	NS	NS (dry)	ND (1)
Trichloroethylene	ug/l	5	ND(1200)	ND(620)	ND(1000)	ND(500)	ND(50)	ND(200)	1.2	ND(1)	ND(1)	NS	NS (dry)	ND (1)	NS (dry)	ND (1)
Vinyl acetate	ug/l	-	ND(2500)	1200	ND(2000)	NS	NS	NS	NS	NS	NS	NS	NS (dry)	NS	NS (dry)	NS
Vinyl chloride	ug/l	2	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	6.2	ND(1)	NS (dry)	ND (1)	NS (dry)	ND (1)
Benzene	ug/l	5	ND(1200)	ND(620)	ND(1000)	ND(500)	110	ND(50)	ND(1)	1.2	ND(1)	3.1	NS (dry)	ND(1)	NS (dry)	NS (dry)
Ethylbenzene	ug/l	700	1600	1600	1600	860	2200	380	ND(1)	ND(1)	ND(1)	120	NS (dry)	ND(1)	NS (dry)	8.9
Toluene	ug/l	1000	33000	20000	22000	12000	43000	5500	22	ND(1)	ND(1)	1.4	NS (dry)	ND(1)	NS (dry)	18
Xylenes	ug/l	10,000	12000	12000	12000	6700	15000	3800	320	ND(2)	ND(2)	930	NS (dry)	ND(2)	NS (dry)	100
Total VOCs			46600	34800	35600	19560	61440	9737	804.1	21	44.2	1092	0	0	0	137.9

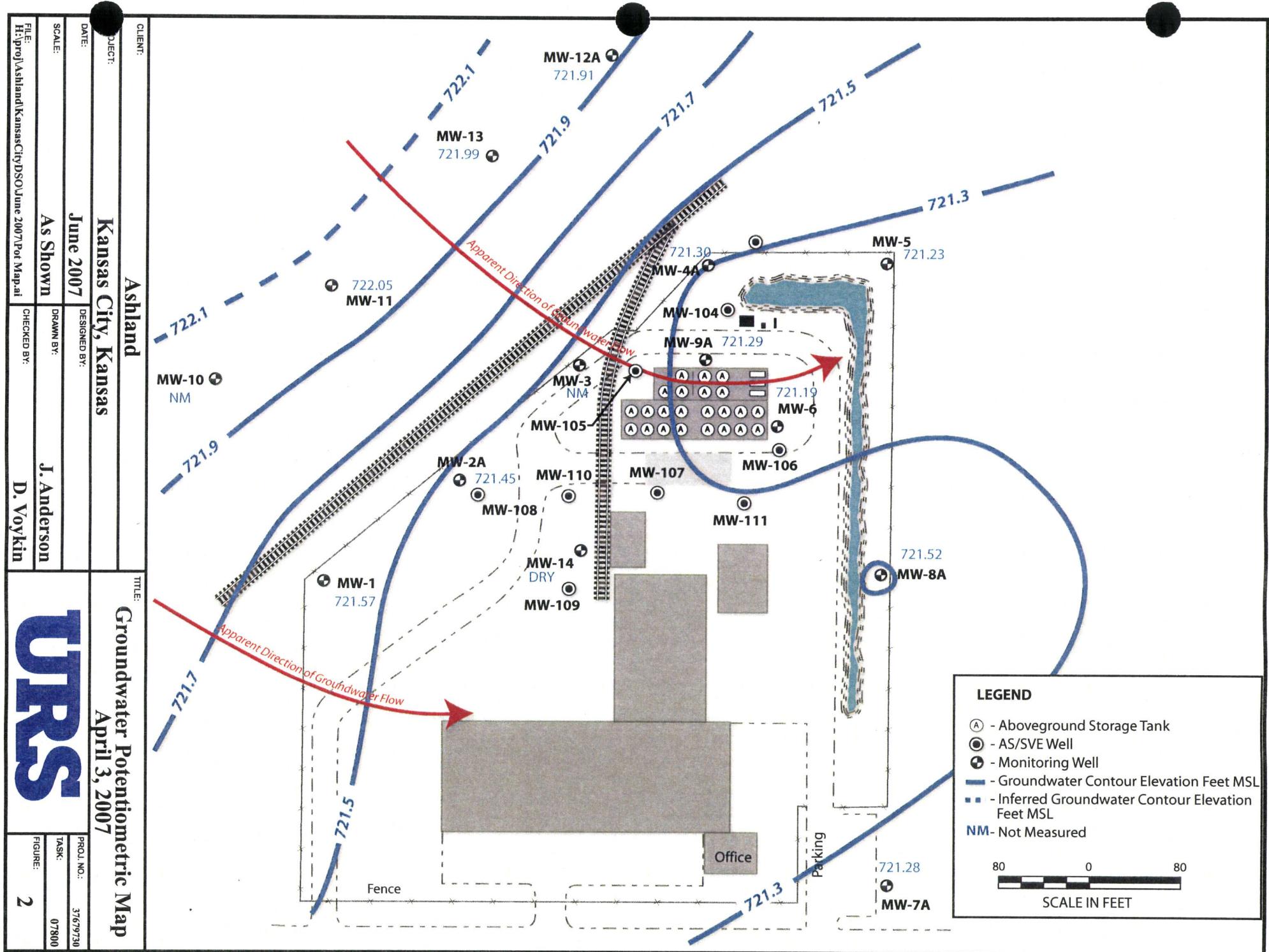
Notes: Analytical detections that exceed the MCL are marked in bold.

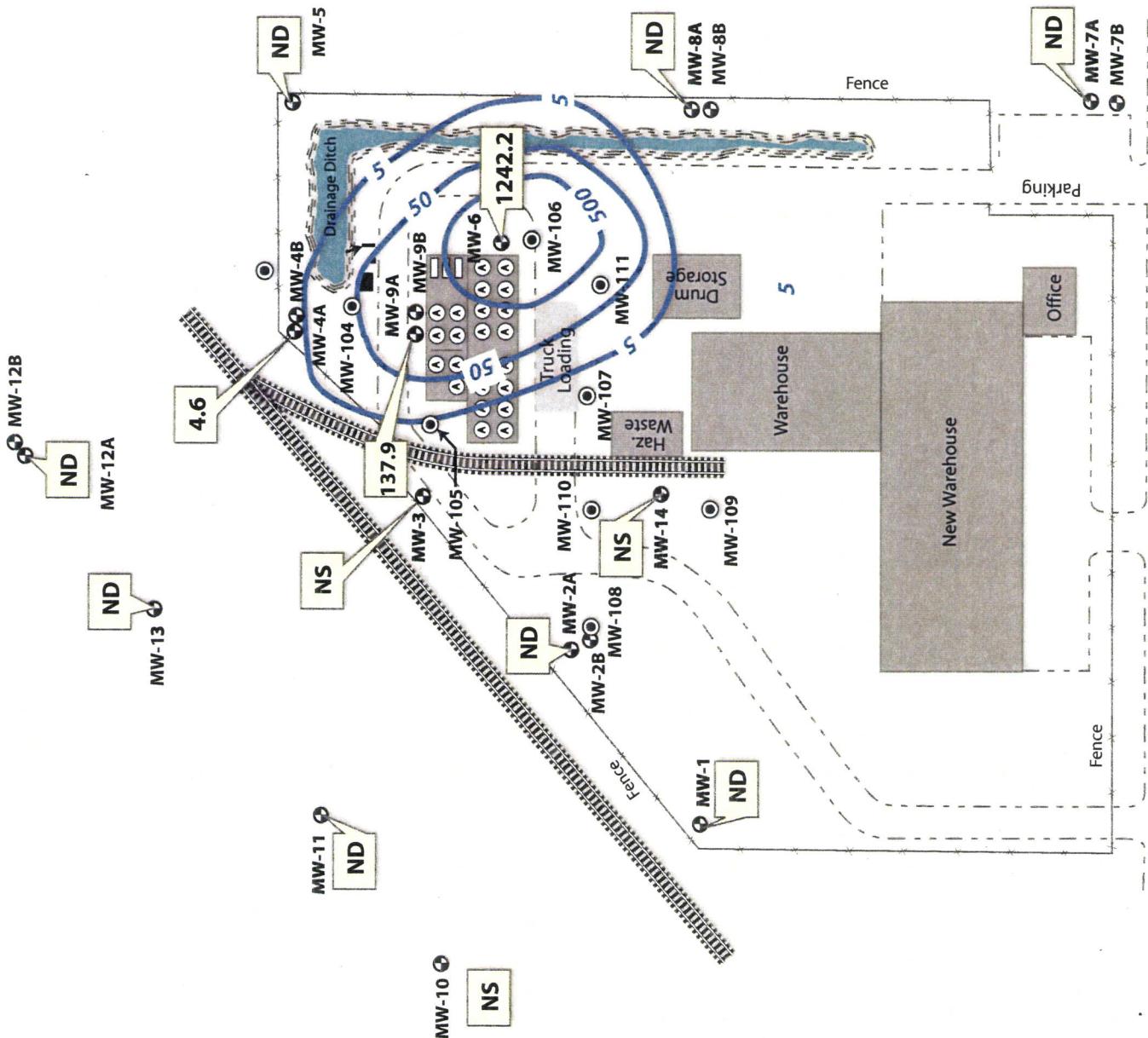
(1) - Reporting limit of 1 µg/L



CLIENT:	Ashland		TITLE:	Monitoring Well Locations		
OBJECT:	Kansas City, Kansas					
DATE:	June 2007	DESIGNED BY:				
SCALE:	As Shown	DRAWN BY:	J. Anderson			
FILE:	H:\proj\Ashland\KansasCityDSO\June2007\Figure 1 MW Loc.ai	CHECKED BY:	K. Sansone			
				PROJ. NO.:	37679730	
				TASK:	07800	
				FIGURE:	1	

URS





CLIENT:	Ashland		TITLE:	Total VOCs in Groundwater Shallow Wells, April 2007	
PROJECT:	Kansas City, Kansas				
DATE:	June 2007	DESIGNED BY:			
SCALE:	As Shown	DRAWN BY:	J. Anderson	PROJ. NO.:	37679572
FILE:	H:\proj\Ashland\KansasCityDSO\June2007\VOC GW Shallow.ai	CHECKED BY:	K. Sansone	TASK:	07800
				FIGURE:	3

URS

ASHLAND KANSAS CITY, KS DSO

MW-2A Historical Groundwater Trend

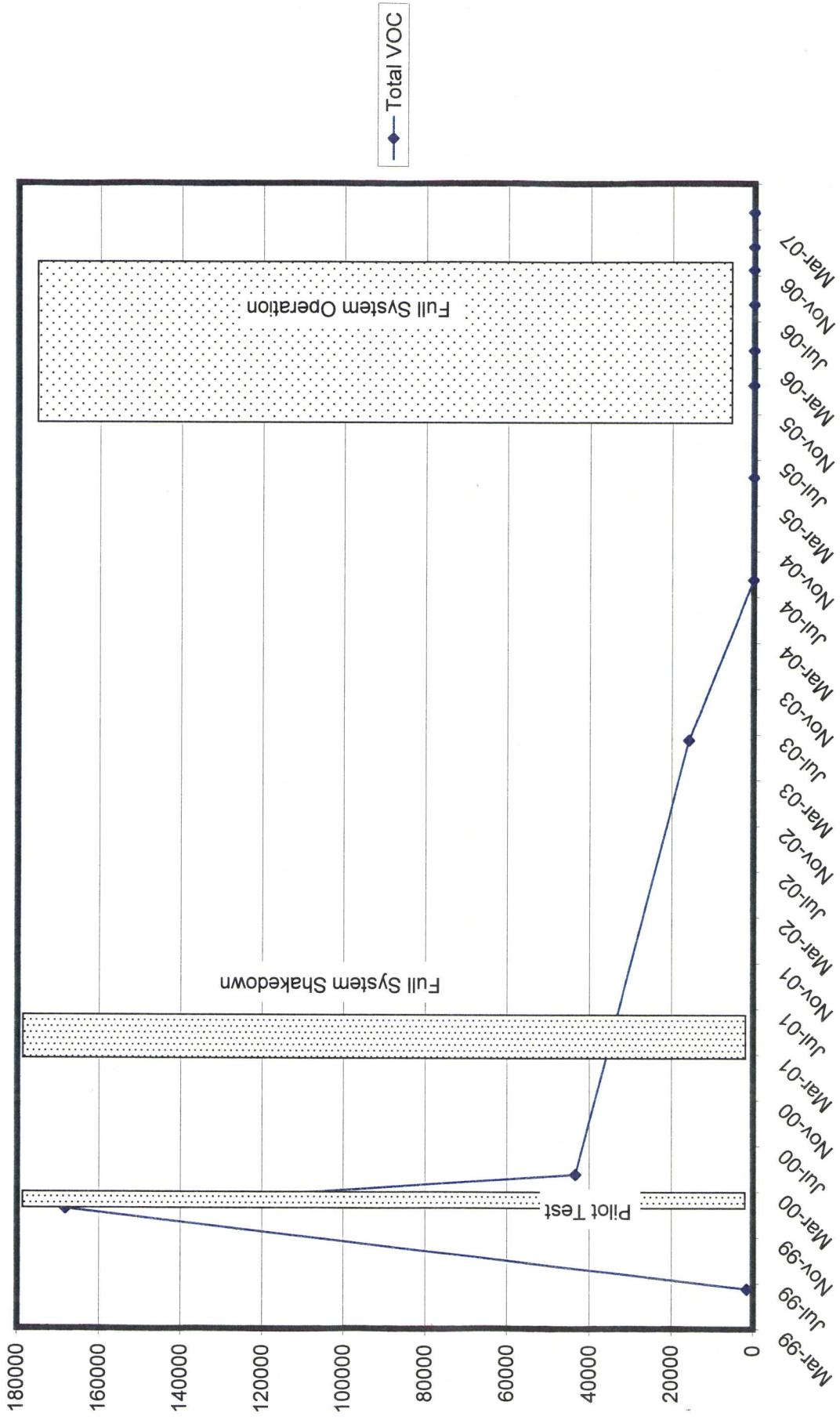


FIGURE 4

ASHLAND KANSAS CITY, KS DSO

MW-6 Historical Groundwater Trend

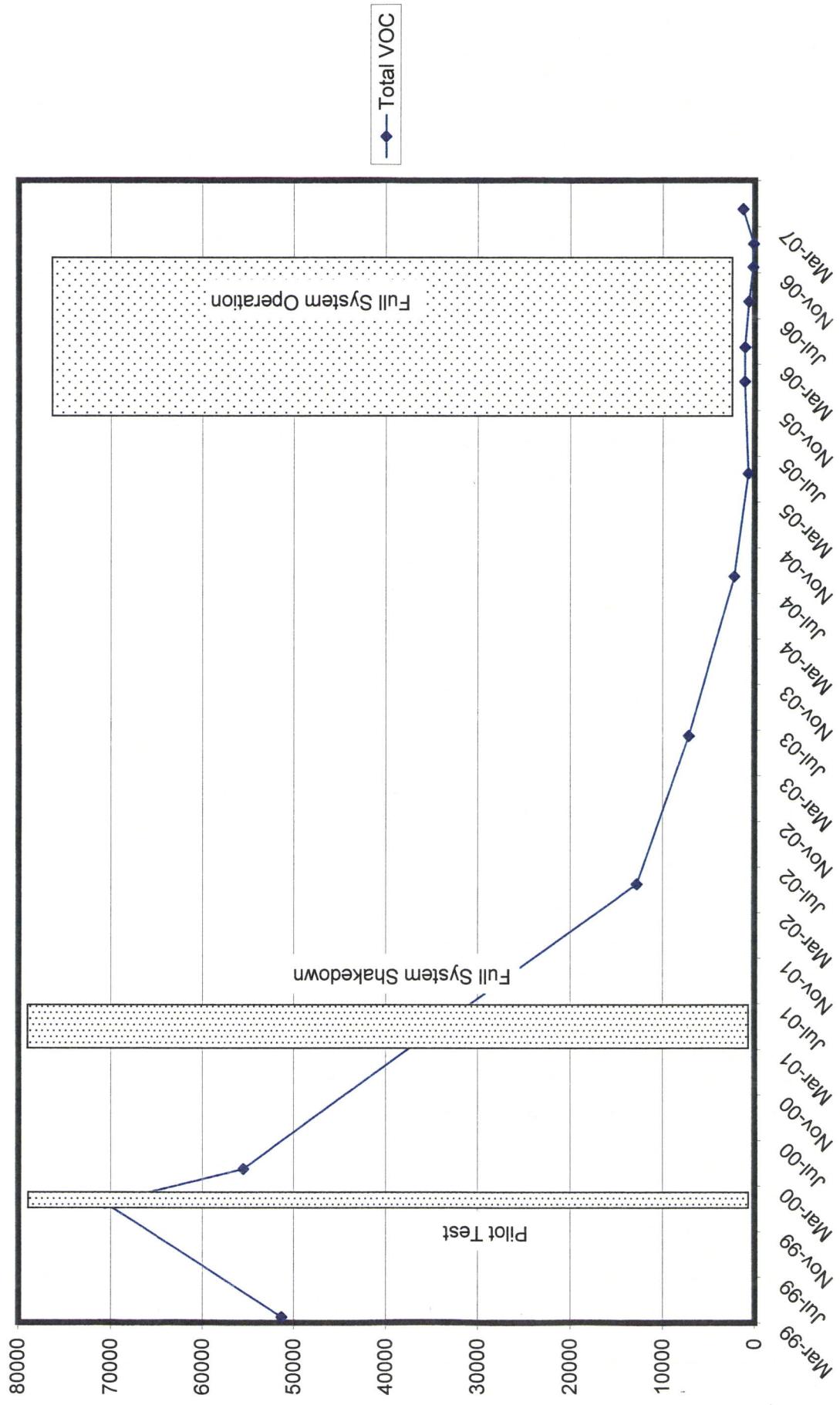


FIGURE 5

ASHLAND KANSAS CITY, DSO

MW-9A Historical Groundwater Trend

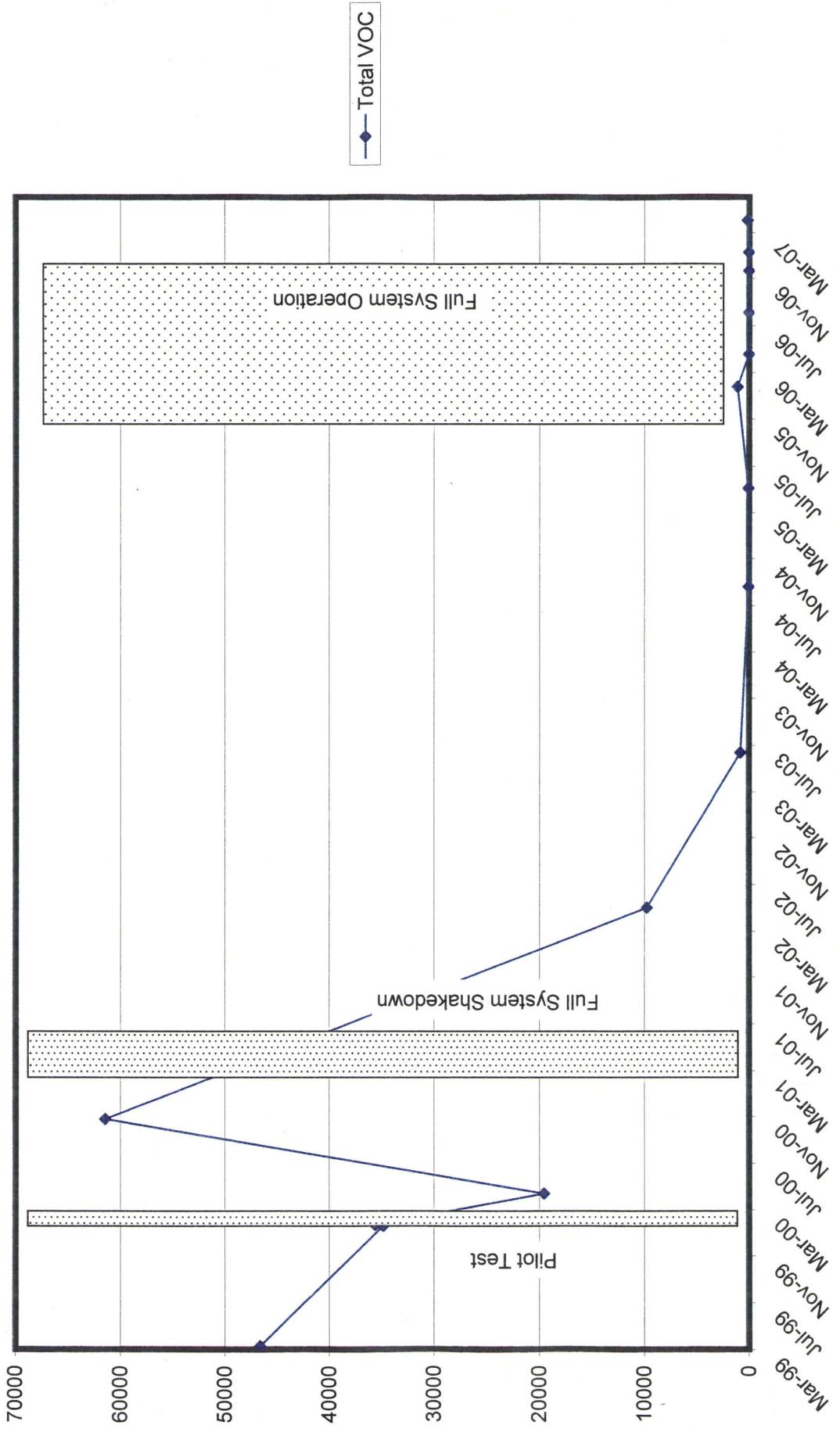


FIGURE 6

**Appendix A
Laboratory Analytical Data
(August 2006, November 2006 and January 2007)**





STL

ANALYTICAL REPORT

Job Number: 680-19044-1

Job Description: Ashland Kansas City

For:
URS Corporation
400 Northpark Town Center
1000 Abernathy Road N.E., Suite 900
Atlanta, GA 30328

Attention: Mr. Russ Killebrew

A handwritten signature in black ink, appearing to read "Bernard Kirkland".

Bernard Kirkland
Project Manager I
bkirkland@stl-inc.com

08/11/2006

Project Manager: Terry Hornsby

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

Severn Trent Laboratories, Inc.
STL Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 351-3673 www.stl-inc.com



METHOD SUMMARY

Client: URS Corporation

Job Number: 680-19044-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS Purge-and-Trap	STL-SAV STL-SAV	SW846 8260B SW846	5030B

LAB REFERENCES:

STL-SAV = STL-Savannah

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986
And Its Updates.

METHOD / ANALYST SUMMARY

Client: URS Corporation

Job Number: 680-19044-1

<u>Method</u>	<u>Analyst</u>	<u>Analyst ID</u>
SW846 8260B	Lawrence, Rodney	RL

SAMPLE SUMMARY

Client: URS Corporation

Job Number: 680-19044-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-19044-1	MW-2A-080406	Water	08/04/2006 1210	08/05/2006 0900
680-19044-2	MW-6-080406	Water	08/04/2006 1415	08/05/2006 0900
680-19044-3	MW-6-080406-D	Water	08/04/2006 1415	08/05/2006 0900
680-19044-4	MW-9A-080406	Water	08/04/2006 1510	08/05/2006 0900
680-19044-5	TB	Water	08/04/2006 0000	08/05/2006 0900

SAMPLE RESULTS

Analytical Data

Client: URS Corporation

Job Number: 680-19044-1

Client Sample ID: MW-2A-080406

Lab Sample ID: 680-19044-1

Date Sampled: 08/04/2006 1210

Client Matrix: Water

Date Received: 08/05/2006 0900

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-51823	Instrument ID:	GC/MS Volatiles - A
Preparation:	5030B			Lab File ID:	a180.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/08/2006 2147			Final Weight/Volume:	5 mL
Date Prepared:	08/08/2006 2147				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	94		79 - 122
4-Bromofluorobenzene	90		77 - 120
Dibromofluoromethane	86		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-19044-1

Client Sample ID: MW-6-080406

Lab Sample ID: 680-19044-2

Client Matrix: Water

Date Sampled: 08/04/2006 1415

Date Received: 08/05/2006 0900

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-51823	Instrument ID:	GC/MS Volatiles - A
Preparation:	5030B			Lab File ID:	a156.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/08/2006 1521			Final Weight/Volume:	5 mL
Date Prepared:	08/08/2006 1521				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<5.0		5.0
Bromomethane	<5.0		5.0
Vinyl chloride	<5.0		5.0
Chloroethane	<5.0		5.0
Methylene Chloride	<25		25
Acetone	<130		130
Carbon disulfide	<10		10
1,1-Dichloroethene	<5.0		5.0
1,1-Dichloroethane	<5.0		5.0
cis-1,2-Dichloroethene	<5.0		5.0
trans-1,2-Dichloroethene	<5.0		5.0
Chloroform	<5.0		5.0
1,2-Dichloroethane	<5.0		5.0
2-Butanone (MEK)	<50		50
1,1,1-Trichloroethane	<5.0		5.0
Carbon tetrachloride	<5.0		5.0
Bromodichloromethane	<5.0		5.0
1,1,2,2-Tetrachloroethane	<5.0		5.0
1,2-Dichloropropane	<5.0		5.0
trans-1,3-Dichloropropene	<5.0		5.0
Trichloroethene	<5.0		5.0
Dibromochloromethane	<5.0		5.0
1,1,2-Trichloroethane	<5.0		5.0
Benzene	<5.0		5.0
cis-1,3-Dichloropropene	<5.0		5.0
Bromoform	<5.0		5.0
2-Hexanone	<50		50
4-Methyl-2-pentanone (MIBK)	<50		50
Tetrachloroethene	<5.0		5.0
Toluene	<5.0		5.0
Chlorobenzene	<5.0		5.0
Ethylbenzene	66		5.0
Styrene	<5.0		5.0
Xylenes, Total	560		10
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	96	79 - 122	
4-Bromofluorobenzene	99	77 - 120	
Dibromofluoromethane	87	75 - 123	

Analytical Data

Client: URS Corporation

Job Number: 680-19044-1

Client Sample ID: MW-6-080406-D

Lab Sample ID: 680-19044-3

Date Sampled: 08/04/2006 1415

Client Matrix: Water

Date Received: 08/05/2006 0900

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-51823	Instrument ID:	GC/MS Volatiles - A
Preparation:	5030B			Lab File ID:	a158.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/08/2006 1554			Final Weight/Volume:	5 mL
Date Prepared:	08/08/2006 1554				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<5.0		5.0
Bromomethane	<5.0		5.0
Vinyl chloride	<5.0		5.0
Chloroethane	<5.0		5.0
Methylene Chloride	<25		25
Acetone	<130		130
Carbon disulfide	<10		10
1,1-Dichloroethene	<5.0		5.0
1,1-Dichloroethane	<5.0		5.0
cis-1,2-Dichloroethene	<5.0		5.0
trans-1,2-Dichloroethene	<5.0		5.0
Chloroform	<5.0		5.0
1,2-Dichloroethane	<5.0		5.0
2-Butanone (MEK)	<50		50
1,1,1-Trichloroethane	<5.0		5.0
Carbon tetrachloride	<5.0		5.0
Bromodichloromethane	<5.0		5.0
1,1,2,2-Tetrachloroethane	<5.0		5.0
1,2-Dichloropropane	<5.0		5.0
trans-1,3-Dichloropropene	<5.0		5.0
Trichloroethene	<5.0		5.0
Dibromochloromethane	<5.0		5.0
1,1,2-Trichloroethane	<5.0		5.0
Benzene	<5.0		5.0
cis-1,3-Dichloropropene	<5.0		5.0
Bromoform	<5.0		5.0
2-Hexanone	<50		50
4-Methyl-2-pentanone (MIBK)	<50		50
Tetrachloroethene	<5.0		5.0
Toluene	<5.0		5.0
Chlorobenzene	<5.0		5.0
Ethylbenzene	58		5.0
Styrene	<5.0		5.0
Xylenes, Total	500		10
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	96	79 - 122	
4-Bromofluorobenzene	96	77 - 120	
Dibromofluoromethane	86	75 - 123	

Analytical Data

Client: URS Corporation

Job Number: 680-19044-1

Client Sample ID: MW-9A-080406

Lab Sample ID: 680-19044-4
Client Matrix: Water

Date Sampled: 08/04/2006 1510
Date Received: 08/05/2006 0900

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-51823	Instrument ID:	GC/MS Volatiles - A
Preparation:	5030B			Lab File ID:	a168.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/08/2006 1833			Final Weight/Volume:	5 mL
Date Prepared:	08/08/2006 1833				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	93	79 - 122	
4-Bromofluorobenzene	95	77 - 120	
Dibromofluoromethane	86	75 - 123	

Analytical Data

Client: URS Corporation

Job Number: 680-19044-1

Client Sample ID: TB

Lab Sample ID: 680-19044-5
Client Matrix: Water

Date Sampled: 08/04/2006 0000
Date Received: 08/05/2006 0900

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-51823	Instrument ID:	GC/MS Volatiles - A
Preparation:	5030B			Lab File ID:	a182.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	08/08/2006 2221			Final Weight/Volume:	5 mL
Date Prepared:	08/08/2006 2221				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	16		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	94	79 - 122	
4-Bromofluorobenzene	91	77 - 120	
Dibromofluoromethane	86	75 - 123	

QUALITY CONTROL RESULTS

Quality Control Results

Client: URS Corporation

Job Number: 680-19044-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:680-51823				
LCS 680-51823/2	Lab Control Spike	Water	8260B	
MB 680-51823/3	Method Blank	Water	8260B	
680-19044-1	MW-2A-080406	Water	8260B	
680-19044-2	MW-6-080406	Water	8260B	
680-19044-3	MW-6-080406-D	Water	8260B	
680-19044-4	MW-9A-080406	Water	8260B	
680-19044-5	TB	Water	8260B	

Quality Control Results

Client: URS Corporation

Job Number: 680-19044-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

<u>Lab Sample ID</u>	<u>Client Sample</u>	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
LCS 680-51823/2		96	98	100
MB 680-51823/3		94	94	92
680-19044-1	MW-2A-080406	90	86	94
680-19044-2	MW-6-080406	99	87	96
680-19044-3	MW-6-080406-D	96	86	96
680-19044-4	MW-9A-080406	95	86	93
680-19044-5	TB	91	86	94

<u>Surrogate</u>	<u>Acceptance Limits</u>
(BFB)	4-Bromofluorobenzene
(DBFM)	Dibromofluoromethane
(TOL)	Toluene-d8 (Surr)

Quality Control Results

Client: URS Corporation

Job Number: 680-19044-1

Method Blank - Batch: 680-51823

Lab Sample ID: MB 680-51823/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/08/2006 1252
Date Prepared: 08/08/2006 1252

Analysis Batch: 680-51823
Prep Batch: N/A
Units: ug/L

Method: 8260B
Preparation: 5030B

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq360.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Sur)	92	79 - 122	
4-Bromofluorobenzene	94	77 - 120	
Dibromofluoromethane	94	75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-19044-1

Laboratory Control Sample - Batch: 680-51823

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-51823/2
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 08/08/2006 1148
 Date Prepared: 08/08/2006 1148

Analysis Batch: 680-51823
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - A
 Lab File ID: aq356.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	43.0	86	51 - 133	
Bromomethane	50.0	34.9	70	21 - 176	
Vinyl chloride	50.0	43.8	88	59 - 136	
Chloroethane	50.0	21.9	44	40 - 171	
Methylene Chloride	50.0	48.0	96	67 - 128	
Acetone	100	135	135	20 - 183	
Carbon disulfide	50.0	50.3	101	60 - 130	
1,1-Dichloroethene	50.0	54.6	109	64 - 132	
1,1-Dichloroethane	50.0	42.8	86	70 - 127	
cis-1,2-Dichloroethene	50.0	47.2	94	69 - 126	
trans-1,2-Dichloroethene	50.0	49.3	99	67 - 130	
Chloroform	50.0	48.2	96	74 - 124	
1,2-Dichloroethane	50.0	48.6	97	68 - 130	
2-Butanone (MEK)	100	106	106	51 - 142	
1,1,1-Trichloroethane	50.0	48.2	96	70 - 132	
Carbon tetrachloride	50.0	48.9	98	64 - 137	
Bromodichloromethane	50.0	51.3	103	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	56.6	113	71 - 127	
1,2-Dichloropropane	50.0	49.5	99	74 - 123	
trans-1,3-Dichloropropene	50.0	53.7	107	75 - 126	
Trichloroethene	50.0	49.8	100	75 - 122	
Dibromochloromethane	50.0	54.8	110	75 - 126	
1,1,2-Trichloroethane	50.0	52.4	105	75 - 122	
Benzene	50.0	48.2	96	74 - 122	
cis-1,3-Dichloropropene	50.0	53.2	106	76 - 126	
Bromoform	50.0	58.1	116	64 - 132	
2-Hexanone	100	121	121	58 - 139	
4-Methyl-2-pentanone (MIBK)	100	118	118	62 - 130	
Tetrachloroethene	50.0	51.4	103	70 - 133	
Toluene	50.0	49.7	99	75 - 122	
Chlorobenzene	50.0	48.0	96	75 - 123	
Ethylbenzene	50.0	48.5	97	77 - 123	
Styrene	50.0	49.0	98	75 - 125	
Xylenes, Total	150	142	95	77 - 121	
Surrogate		% Rec		Acceptance Limits	
Toluene-d8 (Surr)		100		79 - 122	
4-Bromofluorobenzene		96		77 - 120	
Dibromofluoromethane		98		75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

SEVERN
TRENT

STL

CHAIN OF CUSTODY RECORD

COC # KC 715:354

Page: _____ of _____

QUOTE #

SEVERN TRENT LABORATORIES, INC.

Customer Information		Project Information		Analysis/Methods											
PO:		Project Name:	Ashland KCK	A	8260B/5030B - TCL Sublist	K									
WO:		Project Number:	37079572.06500	B	8021B/5030B - Local Method	L									
Company:	URS Corporation	Bill To:		C		M									
Report to:	Brian Williamson	Invoice ATTN:		D		N									
Address:	8300 College Blvd.	Address:		E		O									
	Suite 200			F		P									
	Overland Park, KS 66210			G		Q									
E-mail:			H		R										
Phone:	913.344.1073	Phone:	I		Other:										
Fax:		Fax:	J												

No.	Sample Description	Preservation	Date	Time	Type	Matrix	# Containers	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
1	MW-2A-080404	HCl	8/4/06	1210	GW	Vac	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
2	MW-4-080406	HCl	8/4/06	1415	GW	Vac	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
3	MW-6-080406-D	HCl	8/4/06	1415	GW	Vac	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
4	MW-9A-080406	HCl	8/4/06	1510	GW	Vac	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
5	TB	—					2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
6																							
7																							
8																							
9																							
10																							
Sampler: Brian Williamson		Shipment Method:						Date Due (fax):															
1. Relinquished by:	Date:	2. Received by:	Date:	3. Relinquished by:	Date:	4. Received by:	Date:																
<u>Brian Williamson</u>	8/4/06	<u>KL</u>	8/5/06																				
Company:	Time:	Company:	Time:	Company:	Time:	Company:	Time:																
URS	1630	STL SA	0900																				

Comments: MW-9A - Limited water due to well conditions only 1 40-mL vac
 capable of being filled. Use Sporingley. Standard turn Other
 Rush turn

SAVANNAH

Severn Trent Laboratories, Inc.

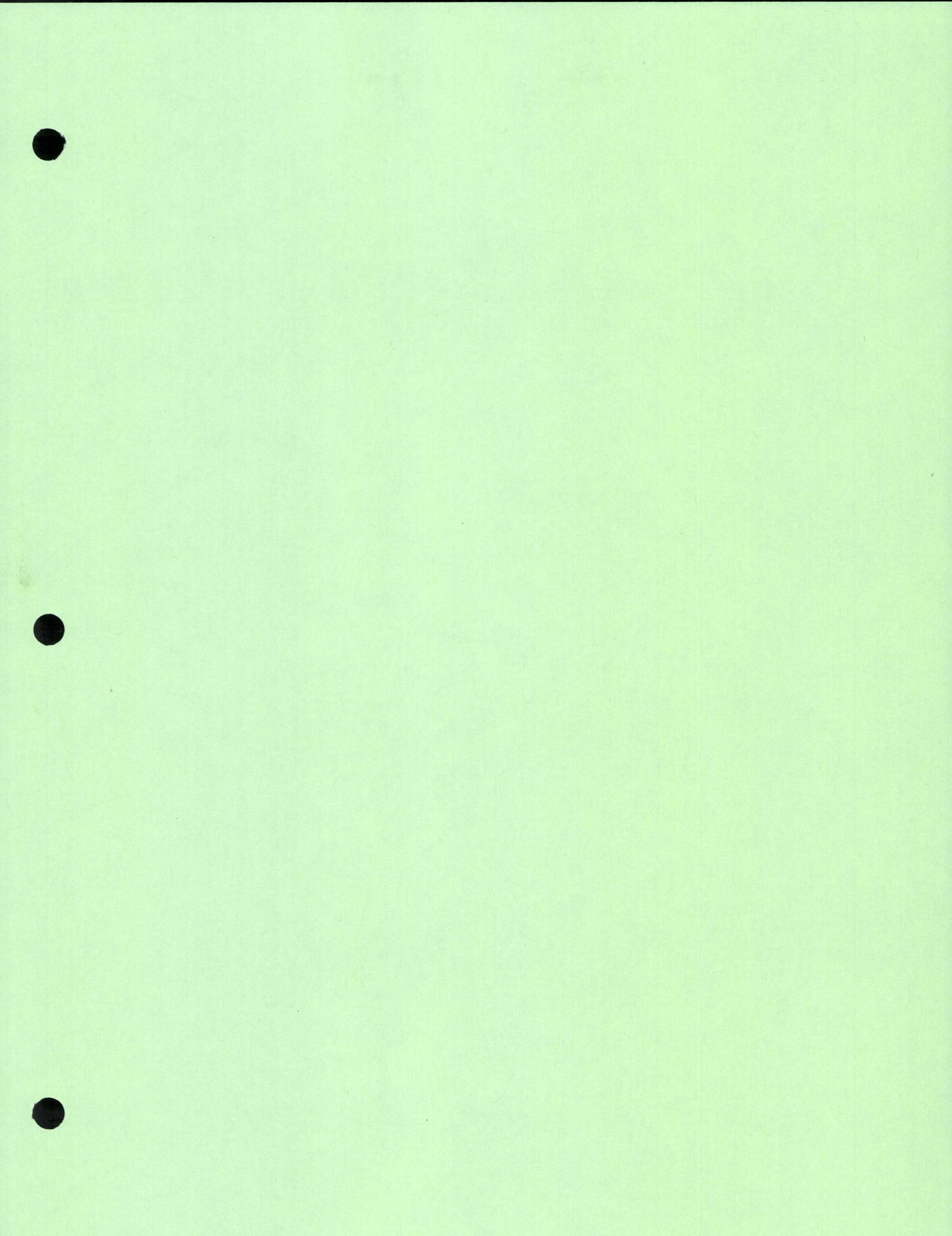
5102 LaRode Avenue

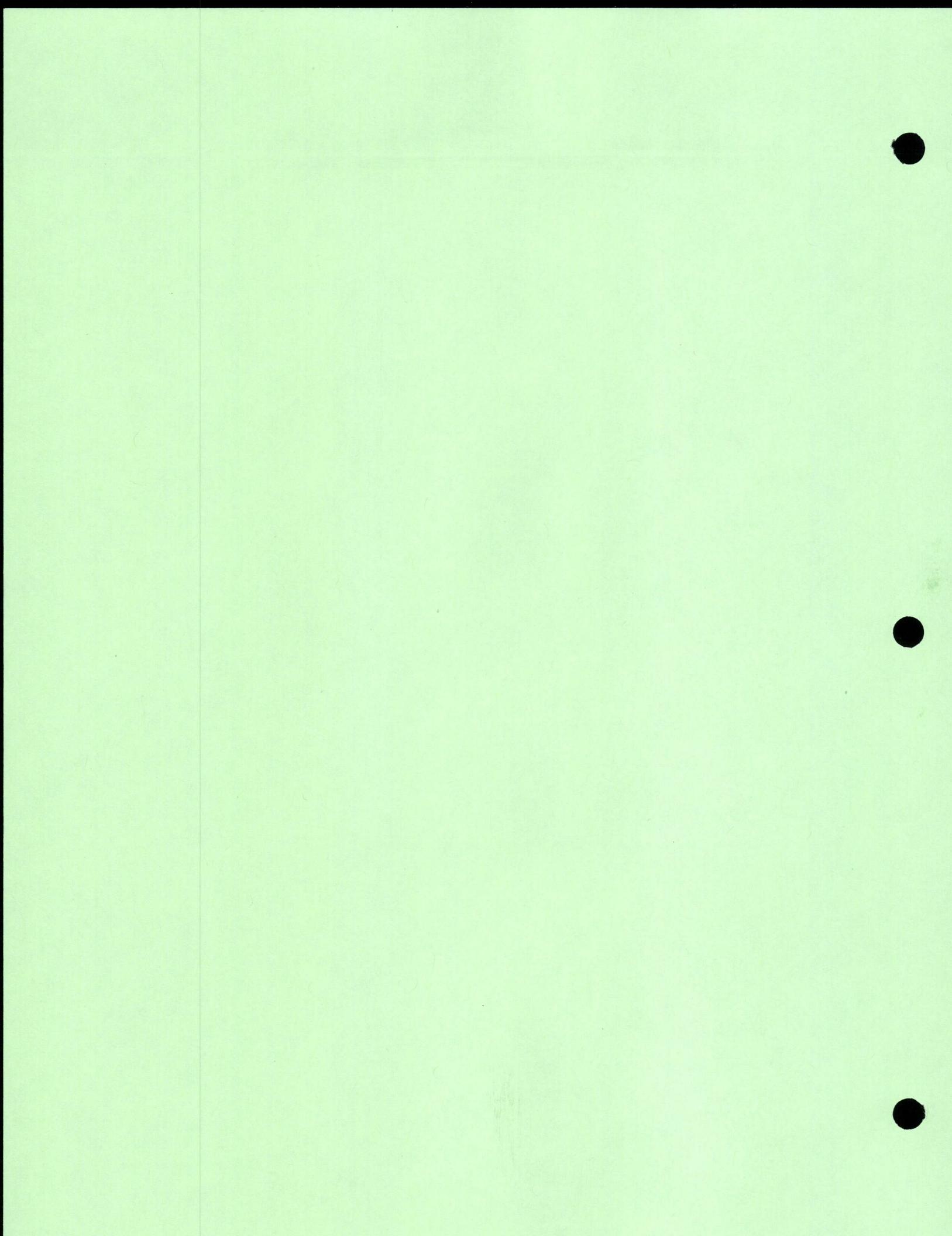
Savannah, GA 31404

Project Manager: Beth Daughtry

Phone: 912.354.7858

Fax: 912.351.3673







STL

ANALYTICAL REPORT

Job Number: 680-22206-1

Job Description: Ashland Kansas City

For:
URS Corporation
400 Northpark Town Center
1000 Abernathy Road N.E., Suite 900
Atlanta, GA 30328

Attention: Mr. Russ Killebrew



Terry Hornsby
Project Manager I
thornsby@stl-inc.com
12/05/2006

Project Manager: Terry Hornsby

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

Severn Trent Laboratories, Inc.
STL Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 351-3673 www.stl-inc.com



Case Narrative for job: 680-J22206-1

Client: URS Corporation
Date: 12/05/2006

The cooler temperature upon receipt was 6.4 degrees Celsius. Samples were analyzed upon client request.

Volatile GC/MS Department

1 Reporting Limit - Dilution, Non-Target

8260: Sample 680-22206-3 was diluted due to the abundance of non-target analytes. Elevated reporting limits (RLs) are provided.

Affected Items

680-22206-C-3

Batch: 680-61498
Method 680-8260B

METHOD SUMMARY

Client: URS Corporation

Job Number: 680-22206-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS Purge-and-Trap	STL SAV STL SAV	SW846 8260B SW846 5030B	

LAB REFERENCES:

STL SAV = STL Savannah

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986
And Its Updates.

METHOD / ANALYST SUMMARY

Client: URS Corporation

Job Number: 680-22206-1

Method	Analyst	Analyst ID
SW846 8260B	Agresta, Maria	MA
SW846 8260B	Bearden, Robert	RB

SAMPLE SUMMARY

Client: URS Corporation

Job Number: 680-22206-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-22206-1	MW-2-112106	Water	11/21/2006 1345	11/22/2006 0918
680-22206-2	MW-6-112106	Water	11/21/2006 1540	11/22/2006 0918
680-22206-3FD	MW-6-112106-D	Water	11/21/2006 1540	11/22/2006 0918
680-22206-4TB	TB	Water	11/21/2006 0000	11/22/2006 0918

SAMPLE RESULTS

Analytical Data

Client: URS Corporation

Job Number: 680-22206-1

Client Sample ID: MW-2-112106

Lab Sample ID: 680-22206-1

Date Sampled: 11/21/2006 1345

Client Matrix: Water

Date Received: 11/22/2006 0918

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-61414	Instrument ID:	GC/MS Volatiles - O
Preparation:	5030B			Lab File ID:	o2945.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2006 1705			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2006 1705				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	1.9		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	38		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	105		79 - 122
4-Bromofluorobenzene	99		77 - 120
Dibromofluoromethane	97		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-22206-1

Client Sample ID: MW-6-112106

Lab Sample ID: 680-22206-2

Date Sampled: 11/21/2006 1540

Client Matrix: Water

Date Received: 11/22/2006 0918

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-61414	Instrument ID:	GC/MS Volatiles - O
Preparation:	5030B			Lab File ID:	o2947.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/02/2006 1735			Final Weight/Volume:	5 mL
Date Prepared:	12/02/2006 1735				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	1.6		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	61		1.0
Styrene	<1.0		1.0
Xylenes, Total	99		2.0
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	105	79 - 122	
4-Bromofluorobenzene	96	77 - 120	
Dibromofluoromethane	98	75 - 123	

Analytical Data

Client: URS Corporation

Job Number: 680-22206-1

Client Sample ID: MW-6-112106-D

Lab Sample ID: 680-22206-3FD
Client Matrix: Water

Date Sampled: 11/21/2006 1540
Date Received: 11/22/2006 0918

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-61498	Instrument ID:	GC/MS Volatiles - O
Preparation:	5030B			Lab File ID:	o2989.d
Dilution:	2.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/04/2006 2041			Final Weight/Volume:	5 mL
Date Prepared:	12/04/2006 2041				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<2.0		2.0
Bromomethane	<2.0		2.0
Vinyl chloride	<2.0		2.0
Chloroethane	<2.0		2.0
Methylene Chloride	<10		10
Acetone	<50		50
Carbon disulfide	<4.0		4.0
1,1-Dichloroethene	<2.0		2.0
1,1-Dichloroethane	<2.0		2.0
cis-1,2-Dichloroethene	<2.0		2.0
trans-1,2-Dichloroethene	<2.0		2.0
Chloroform	<2.0		2.0
1,2-Dichloroethane	<2.0		2.0
2-Butanone (MEK)	<20		20
1,1,1-Trichloroethane	<2.0		2.0
Carbon tetrachloride	<2.0		2.0
Bromodichloromethane	<2.0		2.0
1,1,2,2-Tetrachloroethane	<2.0		2.0
1,2-Dichloropropane	<2.0		2.0
trans-1,3-Dichloropropene	<2.0		2.0
Trichloroethene	<2.0		2.0
Dibromochloromethane	<2.0		2.0
1,1,2-Trichloroethane	<2.0		2.0
Benzene	<2.0		2.0
cis-1,3-Dichloropropene	<2.0		2.0
Bromoform	<2.0		2.0
2-Hexanone	<20		20
4-Methyl-2-pentanone (MIBK)	<20		20
Tetrachloroethene	<2.0		2.0
Toluene	<2.0		2.0
Chlorobenzene	<2.0		2.0
Ethylbenzene	35		2.0
Styrene	<2.0		2.0
Xylenes, Total	69		4.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	107		79 - 122
4-Bromofluorobenzene	100		77 - 120
Dibromofluoromethane	100		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-22206-1

Client Sample ID: TB

Lab Sample ID: 680-22206-4TB
Client Matrix: Water

Date Sampled: 11/21/2006 0000
Date Received: 11/22/2006 0918

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-61076	Instrument ID:	GC/MS Volatiles - P
Preparation:	5030B			Lab File ID:	p1111.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	11/29/2006 1127			Final Weight/Volume:	5 mL
Date Prepared:	11/29/2006 1127				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	103	79 - 122	
4-Bromofluorobenzene	103	77 - 120	
Dibromofluoromethane	120	75 - 123	

QUALITY CONTROL RESULTS

Quality Control Results

Client: URS Corporation

Job Number: 680-22206-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-61076					
LCS 680-61076/3	Lab Control Spike	T	Water	8260B	
MB 680-61076/6	Method Blank	T	Water	8260B	
680-22206-4TB	TB	T	Water	8260B	
Analysis Batch:680-61414					
LCS 680-61414/3	Lab Control Spike	T	Water	8260B	
MB 680-61414/4	Method Blank	T	Water	8260B	
680-22206-1	MW-2-112106	T	Water	8260B	
680-22206-2	MW-6-112106	T	Water	8260B	
Analysis Batch:680-61498					
LCS 680-61498/4	Lab Control Spike	T	Water	8260B	
MB 680-61498/6	Method Blank	T	Water	8260B	
680-22206-3FD	MW-6-112106-D	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: URS Corporation

Job Number: 680-22206-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
LCS 680-61076/3		102	116	105
LCS 680-61414/3		100	104	105
LCS 680-61498/4		101	110	100
MB 680-61076/6		103	121	104
MB 680-61414/4		96	100	107
MB 680-61498/6		99	103	104
680-22206-1	MW-2-112106	99	97	105
680-22206-2	MW-6-112106	96	98	105
680-22206-3FD	MW-6-112106-D	100	100	107
680-22206-4TB	TB	103	120	103

Surrogate Acceptance Limits

(BFB)	4-Bromofluorobenzene	77 - 120
(DBFM)	Dibromofluoromethane	75 - 123
(TOL)	Toluene-d8 (Surr)	79 - 122

Quality Control Results

Client: URS Corporation

Job Number: 680-22206-1

Method Blank - Batch: 680-61076

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-61076/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/29/2006 1027
Date Prepared: 11/29/2006 1027

Analysis Batch: 680-61076
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq607.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	104	79 - 122	
4-Bromofluorobenzene	103	77 - 120	
Dibromofluoromethane	121	75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-22206-1

Lab Control Spike - Batch: 680-61076

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-61076/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/29/2006 0342
Date Prepared: 11/29/2006 0342

Analysis Batch: 680-61076
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq601.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	57.5	115	51 - 133	
Bromomethane	50.0	53.3	107	21 - 176	
Vinyl chloride	50.0	65.2	130	59 - 136	
Chloroethane	50.0	57.0	114	40 - 171	
Methylene Chloride	50.0	55.4	111	67 - 128	
Acetone	100	137	137	20 - 183	
Carbon disulfide	50.0	48.8	98	60 - 130	
1,1-Dichloroethene	50.0	57.0	114	64 - 132	
1,1-Dichloroethane	50.0	54.7	109	70 - 127	
cis-1,2-Dichloroethene	50.0	54.1	108	69 - 126	
trans-1,2-Dichloroethene	50.0	54.4	109	67 - 130	
Chloroform	50.0	53.0	106	74 - 124	
1,2-Dichloroethane	50.0	50.0	100	68 - 130	
2-Butanone (MEK)	100	117	117	51 - 142	
1,1,1-Trichloroethane	50.0	50.3	101	70 - 132	
Carbon tetrachloride	50.0	50.9	102	64 - 137	
Bromodichloromethane	50.0	52.0	104	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	58.7	117	71 - 127	
1,2-Dichloropropane	50.0	54.1	108	74 - 123	
trans-1,3-Dichloropropene	50.0	52.4	105	75 - 126	
Trichloroethene	50.0	51.4	103	75 - 122	
Dibromochloromethane	50.0	53.6	107	75 - 126	
1,1,2-Trichloroethane	50.0	52.8	106	75 - 122	
Benzene	50.0	53.3	107	74 - 122	
cis-1,3-Dichloropropene	50.0	52.3	105	76 - 126	
Bromoform	50.0	54.4	109	64 - 132	
2-Hexanone	100	121	121	58 - 139	
4-Methyl-2-pentanone (MIBK)	100	115	115	62 - 130	
Tetrachloroethene	50.0	49.7	99	70 - 133	
Toluene	50.0	52.6	105	75 - 122	
Chlorobenzene	50.0	51.9	104	75 - 123	
Ethylbenzene	50.0	52.2	104	77 - 123	
Styrene	50.0	52.7	105	75 - 125	
Xylenes, Total	150	158	105	77 - 121	
Surrogate		% Rec		Acceptance Limits	
Toluene-d8 (Surr)		105		79 - 122	
4-Bromofluorobenzene		102		77 - 120	
Dibromofluoromethane		116		75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-22206-1

Method Blank - Batch: 680-61414

Lab Sample ID: MB 680-61414/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/02/2006 1440
Date Prepared: 12/02/2006 1440

Analysis Batch: 680-61414
Prep Batch: N/A
Units: ug/L

Method: 8260B
Preparation: 5030B

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq164.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	107	79 - 122	
4-Bromofluorobenzene	96	77 - 120	
Dibromofluoromethane	100	75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-22206-1

Lab Control Spike - Batch: 680-61414

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-61414/3
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 12/02/2006 1342
 Date Prepared: 12/02/2006 1342

Analysis Batch: 680-61414
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - O
 Lab File ID: oq160.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	37.4	75	51 - 133	
Bromomethane	50.0	71.1	142	21 - 176	
Vinyl chloride	50.0	49.3	99	59 - 136	
Chloroethane	50.0	67.2	134	40 - 171	
Methylene Chloride	50.0	55.1	110	67 - 128	
Acetone	100	103	103	20 - 183	
Carbon disulfide	50.0	45.3	91	60 - 130	
1,1-Dichloroethene	50.0	47.3	95	64 - 132	
1,1-Dichloroethane	50.0	54.2	108	70 - 127	
cis-1,2-Dichloroethene	50.0	53.1	106	69 - 126	
trans-1,2-Dichloroethene	50.0	53.4	107	67 - 130	
Chloroform	50.0	52.6	105	74 - 124	
1,2-Dichloroethane	50.0	55.1	110	68 - 130	
2-Butanone (MEK)	100	93.2	93	51 - 142	
1,1,1-Trichloroethane	50.0	54.7	109	70 - 132	
Carbon tetrachloride	50.0	56.2	112	64 - 137	
Bromodichloromethane	50.0	53.1	106	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	50.5	101	71 - 127	
1,2-Dichloropropane	50.0	52.1	104	74 - 123	
trans-1,3-Dichloropropene	50.0	56.8	114	75 - 126	
Trichloroethene	50.0	52.3	105	75 - 122	
Dibromochloromethane	50.0	50.8	102	75 - 126	
1,1,2-Trichloroethane	50.0	51.3	103	75 - 122	
Benzene	50.0	51.5	103	74 - 122	
cis-1,3-Dichloropropene	50.0	56.8	114	76 - 126	
Bromoform	50.0	45.8	92	64 - 132	
2-Hexanone	100	95.3	95	58 - 139	
4-Methyl-2-pentanone (MIBK)	100	95.5	95	62 - 130	
Tetrachloroethene	50.0	51.8	104	70 - 133	
Toluene	50.0	50.4	101	75 - 122	
Chlorobenzene	50.0	51.0	102	75 - 123	
Ethylbenzene	50.0	51.8	104	77 - 123	
Styrene	50.0	53.8	108	75 - 125	
Xylenes, Total	150	157	105	77 - 121	
Surrogate		% Rec		Acceptance Limits	
Toluene-d8 (Surr)		105		79 - 122	
4-Bromofluorobenzene		100		77 - 120	
Dibromofluoromethane		104		75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-22206-1

Method Blank - Batch: 680-61498

Lab Sample ID: MB 680-61498/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/04/2006 1430
Date Prepared: 12/04/2006 1430

Analysis Batch: 680-61498
Prep Batch: N/A
Units: ug/L

Method: 8260B Preparation: 5030B

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq201.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1:0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	104	79 - 122	
4-Bromofluorobenzene	99	77 - 120	
Dibromofluoromethane	103	75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-22206-1

Lab Control Spike - Batch: 680-61498

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-61498/4
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 12/04/2006 1330
 Date Prepared: 12/04/2006 1330

Analysis Batch: 680-61498
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - O
 Lab File ID: oq197.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	45.8	92	51 - 133	
Bromomethane	50.0	44.2	88	21 - 176	
Vinyl chloride	50.0	54.7	109	59 - 136	
Chloroethane	50.0	43.0	86	40 - 171	
Methylene Chloride	50.0	53.6	107	67 - 128	
Acetone	100	90.7	91	20 - 183	
Carbon disulfide	50.0	43.0	86	60 - 130	
1,1-Dichloroethene	50.0	46.2	92	64 - 132	
1,1-Dichloroethane	50.0	54.6	109	70 - 127	
cis-1,2-Dichloroethene	50.0	54.9	110	69 - 126	
trans-1,2-Dichloroethene	50.0	54.1	108	67 - 130	
Chloroform	50.0	53.9	108	74 - 124	
1,2-Dichloroethane	50.0	52.2	104	68 - 130	
2-Butanone (MEK)	100	86.2	86	51 - 142	
1,1,1-Trichloroethane	50.0	51.1	102	70 - 132	
Carbon tetrachloride	50.0	52.8	106	64 - 137	
Bromodichloromethane	50.0	52.2	104	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	41.7	83	71 - 127	
1,2-Dichloropropane	50.0	51.4	103	74 - 123	
trans-1,3-Dichloropropene	50.0	55.2	110	75 - 126	
Trichloroethene	50.0	50.8	102	75 - 122	
Dibromochloromethane	50.0	47.8	96	75 - 126	
1,1,2-Trichloroethane	50.0	47.4	95	75 - 122	
Benzene	50.0	50.7	101	74 - 122	
cis-1,3-Dichloropropene	50.0	55.2	110	76 - 126	
Bromoform	50.0	39.6	79	64 - 132	
2-Hexanone	100	78.4	78	58 - 139	
4-Methyl-2-pentanone (MIBK)	100	80.0	80	62 - 130	
Tetrachloroethene	50.0	48.0	96	70 - 133	
Toluene	50.0	51.6	103	75 - 122	
Chlorobenzene	50.0	50.4	101	75 - 123	
Ethylbenzene	50.0	51.0	102	77 - 123	
Styrene	50.0	53.3	107	75 - 125	
Xylenes, Total	150	156	104	77 - 121	
Surrogate		% Rec		Acceptance Limits	
Toluene-d8 (Surr)		100		79 - 122	
4-Bromofluorobenzene		101		77 - 120	
Dibromofluoromethane		110		75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Serial Number 95824

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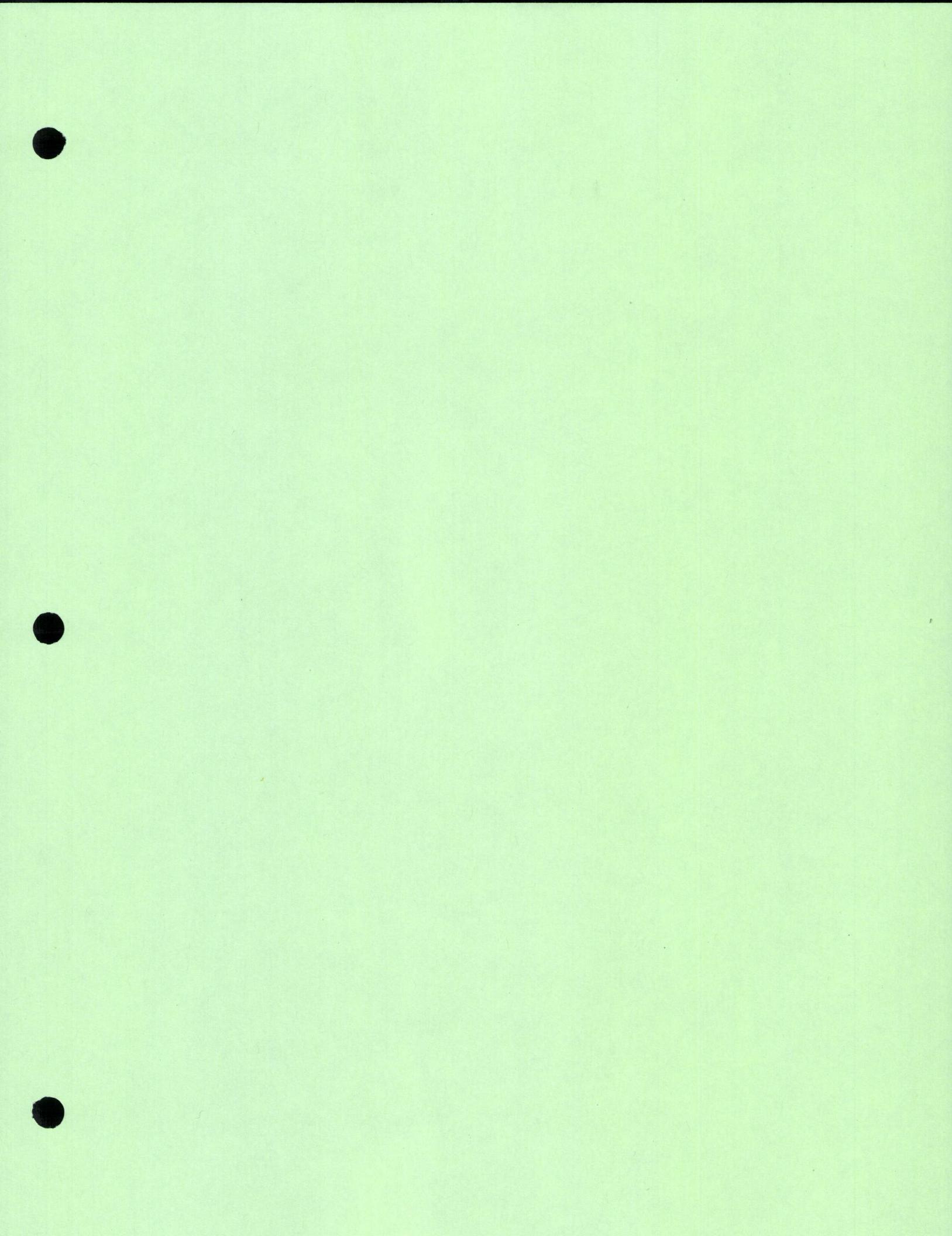
 STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

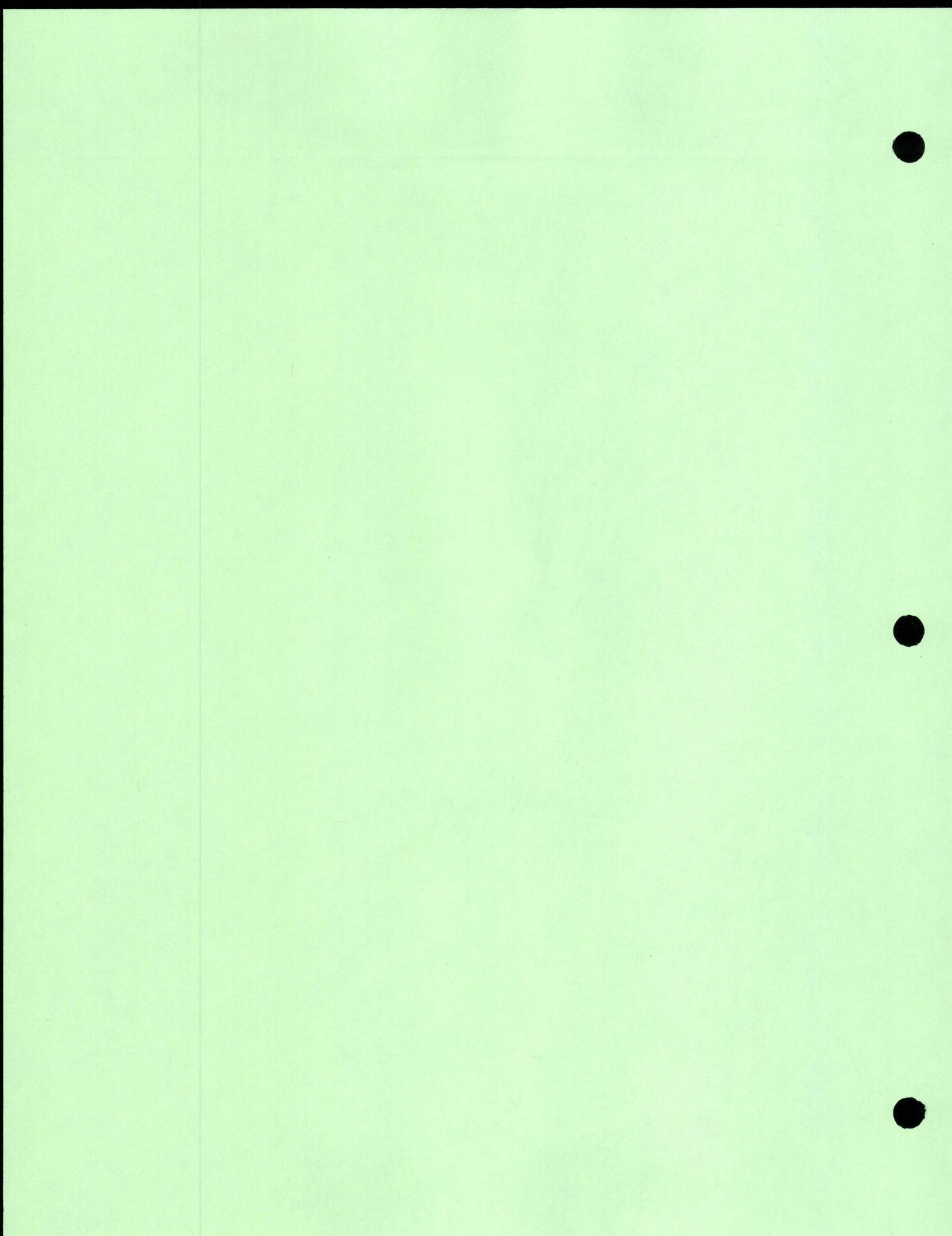
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

 Alternate Laboratory Name/Location

Phone:
Fax:

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ANALYTICAL REPORT

Job Number: 680-23375-1

Job Description: Ashland Kansas City

For:
URS Corporation
400 Northpark Town Center
1000 Abernathy Road N.E., Suite 900
Atlanta, GA 30328

Attention: Mr. Russ Killebrew

A handwritten signature of "Terry Hornsby" is written over a horizontal line.

Terry Hornsby
Project Manager I
thornsby@stl-inc.com
01/18/2007

Project Manager: Terry Hornsby

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

Severn Trent Laboratories, Inc.
STL Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 351-3673 www.stl-inc.com



METHOD SUMMARY

Client: URS Corporation

Job Number: 680-23375-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS Purge-and-Trap	STL SAV STL SAV	SW846 8260B	SW846 5030B

LAB REFERENCES:

STL SAV = STL Savannah

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986
And Its Updates.

METHOD / ANALYST SUMMARY

Client: URS Corporation

Job Number: 680-23375-1

Method	Analyst	Analyst ID
SW846 8260B	Bearden, Robert	RB

SAMPLE SUMMARY

Client: URS Corporation

Job Number: 680-23375-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-23375-1	MW-6-010807	Water	01/08/2007 1335	01/10/2007 0916
680-23375-2	MW-6-010807- D	Water	01/08/2007 1335	01/10/2007 0916
680-23375-3	MW-2A-010907	Water	01/09/2007 1605	01/10/2007 0916
680-23375-4TB	TRIP BLANK	Water	01/09/2007 0000	01/10/2007 0916

SAMPLE RESULTS

Analytical Data

Client: URS Corporation

Job Number: 680-23375-1

Client Sample ID: MW-6-010807

Lab Sample ID: 680-23375-1

Date Sampled: 01/08/2007 1335

Client Matrix: Water

Date Received: 01/10/2007 0916

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-64771	Instrument ID:	GC/MS Volatiles - O
Preparation:	5030B			Lab File ID:	o3837.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	01/15/2007 1930			Final Weight/Volume:	5 mL
Date Prepared:	01/15/2007 1930				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	1.1		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	2.7		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	8.7		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	17		1.0
Styrene	<1.0		1.0
Xylenes, Total	79		2.0
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	93	79 - 122	
4-Bromofluorobenzene	105	77 - 120	
Dibromofluoromethane	111	75 - 123	

Analytical Data

Client: URS Corporation

Job Number: 680-23375-1

Client Sample ID: MW-6-010807- D

Lab Sample ID: 680-23375-2

Date Sampled: 01/08/2007 1335

Client Matrix: Water

Date Received: 01/10/2007 0916

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-64771	Instrument ID:	GC/MS Volatiles - O
Preparation:	5030B			Lab File ID:	o3838.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	01/15/2007 1956			Final Weight/Volume:	5 mL
Date Prepared:	01/15/2007 1956				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	2.4		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	8.9		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	17		1.0
Styrene	<1.0		1.0
Xylenes, Total	80		2.0
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	90	79 - 122	
4-Bromofluorobenzene	101	77 - 120	
Dibromofluoromethane	112	75 - 123	

Analytical Data

Client: URS Corporation

Job Number: 680-23375-1

Client Sample ID: MW-2A-010907

Lab Sample ID: 680-23375-3

Client Matrix: Water

Date Sampled: 01/09/2007 1605

Date Received: 01/10/2007 0916

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-64771	Instrument ID:	GC/MS Volatiles - O
Preparation:	5030B			Lab File ID:	o3839.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	01/15/2007 2023			Final Weight/Volume:	5 mL
Date Prepared:	01/15/2007 2023				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	1.4		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	91		79 - 122
4-Bromofluorobenzene	100		77 - 120
Dibromofluoromethane	111		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-23375-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 680-23375-4TB
Client Matrix: Water

Date Sampled: 01/09/2007 0000
Date Received: 01/10/2007 0916

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-64771	Instrument ID:	GC/MS Volatiles - O
Preparation:	5030B			Lab File ID:	o3840.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	01/15/2007 2049			Final Weight/Volume:	5 mL
Date Prepared:	01/15/2007 2049				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	92		79 - 122
4-Bromofluorobenzene	102		77 - 120
Dibromofluoromethane	112		75 - 123

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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QUALITY CONTROL RESULTS

Quality Control Results

Client: URS Corporation

Job Number: 680-23375-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-64771					
LCS 680-64771/3	Lab Control Spike	T	Water	8260B	
MB 680-64771/5	Method Blank	T	Water	8260B	
680-23375-1	MW-6-010807	T	Water	8260B	
680-23375-2	MW-6-010807- D	T	Water	8260B	
680-23375-3	MW-2A-010907	T	Water	8260B	
680-23375-4TB	TRIP BLANK	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: URS Corporation

Job Number: 680-23375-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
LCS 680-64771/3		106	112	96
MB 680-64771/5		99	111	92
680-23375-1	MW-6-010807	105	111	93
680-23375-2	MW-6-010807-D	101	112	90
680-23375-3	MW-2A-010907	100	111	91
680-23375-4TB	TRIP BLANK	102	112	92

Surrogate Acceptance Limits

(BFB)	4-Bromofluorobenzene	77 - 120
(DBFM)	Dibromofluoromethane	75 - 123
(TOL)	Toluene-d8 (Surr)	79 - 122

Quality Control Results

Client: URS Corporation

Job Number: 680-23375-1

Method Blank - Batch: 680-64771

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-64771/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/15/2007 1252
Date Prepared: 01/15/2007 1252

Analysis Batch: 680-64771
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq841.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	92	79 - 122	
4-Bromofluorobenzene	99	77 - 120	
Dibromofluoromethane	111	75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-23375-1

Lab Control Spike - Batch: 680-64771

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-64771/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/15/2007 1057
Date Prepared: 01/15/2007 1057

Analysis Batch: 680-64771
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq837.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	29.6	59	51 - 133	
Bromomethane	50.0	34.7	69	21 - 176	
Vinyl chloride	50.0	31.9	64	59 - 136	
Chloroethane	50.0	35.7	71	40 - 171	
Methylene Chloride	50.0	56.0	112	67 - 128	
Acetone	100	104	104	20 - 183	
Carbon disulfide	50.0	47.1	94	60 - 130	
1,1-Dichloroethene	50.0	40.4	81	64 - 132	
1,1-Dichloroethane	50.0	49.3	99	70 - 127	
cis-1,2-Dichloroethene	50.0	50.5	101	69 - 126	
trans-1,2-Dichloroethene	50.0	48.7	97	67 - 130	
Chloroform	50.0	49.5	99	74 - 124	
1,2-Dichloroethane	50.0	42.3	85	68 - 130	
2-Butanone (MEK)	100	114	114	51 - 142	
1,1,1-Trichloroethane	50.0	43.5	87	70 - 132	
Carbon tetrachloride	50.0	41.5	83	64 - 137	
Bromodichloromethane	50.0	44.9	90	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	46.6	93	71 - 127	
1,2-Dichloropropane	50.0	44.7	89	74 - 123	
trans-1,3-Dichloropropene	50.0	46.7	93	75 - 126	
Trichloroethene	50.0	52.0	104	75 - 122	
Dibromochloromethane	50.0	50.3	101	75 - 126	
1,1,2-Trichloroethane	50.0	46.6	93	75 - 122	
Benzene	50.0	45.7	91	74 - 122	
cis-1,3-Dichloropropene	50.0	47.3	95	76 - 126	
Bromoform	50.0	47.9	96	64 - 132	
2-Hexanone	100	97.5	98	58 - 139	
4-Methyl-2-pentanone (MIBK)	100	81.5	82	62 - 130	
Tetrachloroethene	50.0	54.9	110	70 - 133	
Toluene	50.0	50.3	101	75 - 122	
Chlorobenzene	50.0	53.4	107	75 - 123	
Ethylbenzene	50.0	53.7	107	77 - 123	
Styrene	50.0	53.4	107	75 - 125	
Xylenes, Total	150	162	108	77 - 121	
Surrogate		% Rec		Acceptance Limits	
Toluene-d8 (Surr)		96		79 - 122	
4-Bromofluorobenzene		106		77 - 120	
Dibromofluoromethane		112		75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Serial Number 81071

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN
TRENT

STL®

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE <i>ASHLAND</i>		PROJECT NO. 37079730.07500	PROJECT LOCATION (STATE) KS	MATRIX TYPE	REQUIRED ANALYSIS								PAGE 1 OF 1				
STL (LAB) PROJECT MANAGER <i>Terry Hornsby</i>		P.O. NUMBER 37079730.07500	CONTRACT NO.	COMPOSITE (G), OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMI-SOLID	VAC 8200B									STANDARD REPORT DELIVERY			
CLIENT (SITE) PM <i>Russell Killenbrear</i>		CLIENT PHONE 478-808-0800	CLIENT FAX											DATE DUE _____			
CLIENT NAME <i>URS Corporation</i>		CLIENT E-MAIL		AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...)										EXPEDITED REPORT DELIVERY (SURCHARGE)			
CLIENT ADDRESS														DATE DUE _____			
COMPANY CONTRACTING THIS WORK (if applicable)												NUMBER OF COOLERS SUBMITTED PER SHIPMENT:					
SAMPLE		SAMPLE IDENTIFICATION		NUMBER OF CONTAINERS SUBMITTED										REMARKS			
DATE	TIME			G X	3 X												
1/8/07	1335	MW - G - 010807-		G X	3 X												
1/8/07	1335	MW - G - 010807 - D		G X	3 X												
1/9/07	1605	MW - 2A - 010907		G X	3 X												
1/9/07		TRIP BLANK		X	3 X												
														<i>Bru</i>			
														<i>Z.0</i>			
RELINQUISHED BY: (SIGNATURE) <i>Empty Containers</i>		DATE	TIME	RELINQUISHED BY: (SIGNATURE) <i>Bin Wiles</i>		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME						
RECEIVED BY: (SIGNATURE) <i>Empty Containers</i>		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME						
RECEIVED FROM LABORATORY BY <i>STL</i>				DATE 01/12/07	TIME 0910	CUSTODY IN FACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO. 630-23325	LABORATORY USE ONLY STL SAVANNAH LOG NO. 630-23325								LABORATORY REMARKS	

**Appendix B
Laboratory Analytical Data, April 2007**





STL

ANALYTICAL REPORT

Job Number: 680-25563-1

Job Description: Ashland Kansas City

For:
URS Corporation
400 Northpark Town Center
1000 Abernathy Road N.E., Suite 900
Atlanta, GA 30328

Attention: Mr. Russ Killebrew



Terry Hornsby
Project Manager I
thornsby@stl-inc.com
04/19/2007

Project Manager: Terry Hornsby

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

Severn Trent Laboratories, Inc.
STL Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 351-3673 www.stl-inc.com



METHOD SUMMARY

Client: URS Corporation

Job Number: 680-25563-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL SAV	SW846 8260B	
Purge-and-Trap	STL SAV		SW846 5030B
Dissolved Gases in Water	STL SAV	RSK RSK-175	
Chloride (Colorimetric, Automated Ferricyanide)	STL SAV	MCAWW 325.2	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	STL SAV	MCAWW 353.2	
Sulfate (Turbidimetric)	STL SAV	MCAWW 375.4	
Total Organic Carbon, Combustion or Oxidation	STL SAV	MCAWW 415.1	

LAB REFERENCES:

STL SAV = STL Savannah

METHOD REFERENCES:

MCAWW - "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

RSK - Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: URS Corporation

Job Number: 680-25563-1

Method	Analyst	Analyst ID
SW846 8260B	Agresta, Maria	MA
SW846 8260B	Graham, Demetri	DG
RSK RSK-175	Hall, Elizabeth	EH
MCAWW 325.2	Ross, Jon	JR
MCAWW 353.2	Lawhon, Jon	JL
MCAWW 375.4	Ross, Jon	JR
MCAWW 415.1	Blackshear, Kim	KB

SAMPLE SUMMARY

Client: URS Corporation

Job Number: 680-25563-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-25563-1	MW-9A-040307	Water	04/03/2007 0910	04/04/2007 0926
680-25563-2	MW-9B-040307	Water	04/03/2007 1030	04/04/2007 0926
680-25563-3	MW-4A-040307	Water	04/03/2007 1150	04/04/2007 0926
680-25563-4	MW-4B-040307	Water	04/03/2007 1300	04/04/2007 0926
680-25563-5	MW-4A-040307-D	Water	04/03/2007 1150	04/04/2007 0926
680-25563-6	MW-6-040307	Water	04/03/2007 1445	04/04/2007 0926
680-25563-7	MW-2A-040307-RB	Water	04/03/2007 1510	04/04/2007 0926
680-25563-8TB	TB-040307	Water	04/03/2007 0000	04/04/2007 0926

SAMPLE RESULTS

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

Client Sample ID: MW-9A-040307

Lab Sample ID: 680-25563-1

Client Matrix: Water

Date Sampled: 04/03/2007 0910

Date Received: 04/04/2007 0926

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72309	Instrument ID:	GC/MS Volatiles - P
Preparation:	5030B			Lab File ID:	p3907.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/12/2007 2013			Final Weight/Volume:	5 mL
Date Prepared:	04/12/2007 2013				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	11		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	18		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	8.9		1.0
Styrene	<1.0		1.0
Xylenes, Total	100		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	105		79 - 122
4-Bromofluorobenzene	91		77 - 120
Dibromofluoromethane	112		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

Client Sample ID: MW-9B-040307

Lab Sample ID: 680-25563-2

Client Matrix: Water

Date Sampled: 04/03/2007 1030

Date Received: 04/04/2007 0926

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72309	Instrument ID:	GC/MS Volatiles - P
Preparation:	5030B			Lab File ID:	p3908.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/12/2007 2034			Final Weight/Volume:	5 mL
Date Prepared:	04/12/2007 2034				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	105		79 - 122
4-Bromofluorobenzene	87		77 - 120
Dibromofluoromethane	108		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

Client Sample ID: MW-4A-040307

Lab Sample ID: 680-25563-3

Date Sampled: 04/03/2007 1150

Client Matrix: Water

Date Received: 04/04/2007 0926

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72309	Instrument ID:	GC/MS Volatiles - P
Preparation:	5030B			Lab File ID:	p3909.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/12/2007 2055			Final Weight/Volume:	5 mL
Date Prepared:	04/12/2007 2055				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	1.6		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	3.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	105		79 - 122
4-Bromofluorobenzene	86		77 - 120
Dibromofluoromethane	110		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

Client Sample ID: MW-4B-040307

Lab Sample ID: 680-25563-4

Date Sampled: 04/03/2007 1300

Client Matrix: Water

Date Received: 04/04/2007 0926

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72459	Instrument ID:	GC/MS Volatiles - P
Preparation:	5030B			Lab File ID:	p3933.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/14/2007 1102			Final Weight/Volume:	5 mL
Date Prepared:	04/14/2007 1102				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	1.5		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	106		79 - 122
4-Bromofluorobenzene	90		77 - 120
Dibromofluoromethane	112		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

Client Sample ID: MW-4A-040307-D

Lab Sample ID: 680-25563-5

Client Matrix: Water

Date Sampled: 04/03/2007 1150

Date Received: 04/04/2007 0926

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72459	Instrument ID:	GC/MS Volatiles - P
Preparation:	5030B			Lab File ID:	p3935.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/14/2007 1144			Final Weight/Volume:	5 mL
Date Prepared:	04/14/2007 1144				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	1.7		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	3.1		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	104		79 - 122
4-Bromofluorobenzene	88		77 - 120
Dibromofluoromethane	112		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

Client Sample ID: MW-6-040307

Lab Sample ID: 680-25563-6

Date Sampled: 04/03/2007 1445

Client Matrix: Water

Date Received: 04/04/2007 0926

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72459	Instrument ID:	GC/MS Volatiles - P
Preparation:	5030B			Lab File ID:	p3936.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/14/2007 1206			Final Weight/Volume:	5 mL
Date Prepared:	04/14/2007 1206				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	1.2		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	21		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	47		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	73		1.0
Styrene	<1.0		1.0
Xylenes, Total	2000	E	2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	107		79 - 122
4-Bromofluorobenzene	95		77 - 120
Dibromofluoromethane	111		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

Client Sample ID: MW-6-040307

Lab Sample ID: 680-25563-6

Client Matrix: Water

Date Sampled: 04/03/2007 1445

Date Received: 04/04/2007 0926

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72474	Instrument ID:	GC/MS Volatiles - P
Preparation:	5030B			Lab File ID:	p3975.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/15/2007 1219	Run Type:	DL	Final Weight/Volume:	5 mL
Date Prepared:	04/15/2007 1219				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<5.0		5.0
Bromomethane	<5.0		5.0
Vinyl chloride	<5.0		5.0
Chloroethane	<5.0		5.0
Methylene Chloride	<25		25
Acetone	<130		130
Carbon disulfide	<10		10
1,1-Dichloroethene	<5.0		5.0
1,1-Dichloroethane	<5.0		5.0
cis-1,2-Dichloroethene	<5.0		5.0
trans-1,2-Dichloroethene	<5.0		5.0
Chloroform	<5.0		5.0
1,2-Dichloroethane	<5.0		5.0
2-Butanone (MEK)	<50		50
1,1,1-Trichloroethane	<5.0		5.0
Carbon tetrachloride	<5.0		5.0
Bromodichloromethane	<5.0		5.0
1,1,2,2-Tetrachloroethane	<5.0		5.0
1,2-Dichloropropane	<5.0		5.0
trans-1,3-Dichloropropene	<5.0		5.0
Trichloroethene	<5.0		5.0
Dibromochloromethane	<5.0		5.0
1,1,2-Trichloroethane	<5.0		5.0
Benzene	<5.0		5.0
cis-1,3-Dichloropropene	<5.0		5.0
Bromoform	<5.0		5.0
2-Hexanone	<50		50
4-Methyl-2-pentanone (MIBK)	<50		50
Tetrachloroethene	<5.0		5.0
Toluene	30	D	5.0
Chlorobenzene	<5.0		5.0
Ethylbenzene	54	D	5.0
Styrene	<5.0		5.0
Xylenes, Total	1100	D	10
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	107		79 - 122
4-Bromofluorobenzene	93		77 - 120
Dibromofluoromethane	107		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

Client Sample ID: MW-2A-040307-RB

Lab Sample ID: 680-25563-7

Date Sampled: 04/03/2007 1510

Client Matrix: Water

Date Received: 04/04/2007 0926

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72309	Instrument ID:	GC/MS Volatiles - P
Preparation:	5030B			Lab File ID:	p3904.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/12/2007 1910			Final Weight/Volume:	5 mL
Date Prepared:	04/12/2007 1910				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	105	79 - 122	
4-Bromofluorobenzene	87	77 - 120	
Dibromofluoromethane	109	75 - 123	

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

Client Sample ID: TB-040307

Lab Sample ID: 680-25563-8TB

Client Matrix: Water

Date Sampled: 04/03/2007 0000

Date Received: 04/04/2007 0926

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72309	Instrument ID:	GC/MS Volatiles - P
Preparation:	5030B			Lab File ID:	p3901.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/12/2007 1849			Final Weight/Volume:	mL
Date Prepared:	04/12/2007 1849				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	1.6		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)			
4-Bromofluorobenzene			
Dibromofluoromethane			

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

Client Sample ID: MW-9A-040307

Lab Sample ID: 680-25563-1

Client Matrix: Water

Date Sampled: 04/03/2007 0910

Date Received: 04/04/2007 0926

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72528	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3543.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0518			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33
Methane	<0.19		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

Client Sample ID: **MW-9B-040307**Lab Sample ID: **680-25563-2**Client Matrix: **Water**Date Sampled: **04/03/2007 1030**Date Received: **04/04/2007 0926****RSK-175 Dissolved Gases in Water**

Method:	RSK-175	Analysis Batch:	680-72528	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3544.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0534			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33
Methane	4.7		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

Client Sample ID: MW-4A-040307

Lab Sample ID: 680-25563-3

Client Matrix: Water

Date Sampled: 04/03/2007 1150

Date Received: 04/04/2007 0926

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72528	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3545.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0551			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33

Method:	RSK-175	Analysis Batch:	680-72529	Instrument ID:	GC Volatiles - U TCD
Preparation:	N/A			Lab File ID:	U3545.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0551			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	1900		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

Client Sample ID: MW-4B-040307

Lab Sample ID: 680-25563-4

Client Matrix: Water

Date Sampled: 04/03/2007 1300

Date Received: 04/04/2007 0926

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72528	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3546.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0607			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33
Methane	6.6		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

Client Sample ID: MW-4A-040307-D

Lab Sample ID: 680-25563-5

Client Matrix: Water

Date Sampled: 04/03/2007 1150

Date Received: 04/04/2007 0926

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72528	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3547.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0623			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33

Method:	RSK-175	Analysis Batch:	680-72529	Instrument ID:	GC Volatiles - U TCD
Preparation:	N/A			Lab File ID:	U3547.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0623			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	1900		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

Client Sample ID: MW-6-040307

Lab Sample ID: 680-25563-6

Date Sampled: 04/03/2007 1445

Client Matrix: Water

Date Received: 04/04/2007 0926

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72528	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3548.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0639			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33

Method:	RSK-175	Analysis Batch:	680-72529	Instrument ID:	GC Volatiles - U TCD
Preparation:	N/A			Lab File ID:	U3548.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0639			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	1100		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

Client Sample ID: MW-2A-040307-RB

Lab Sample ID: 680-25563-7

Client Matrix: Water

Date Sampled: 04/03/2007 1510

Date Received: 04/04/2007 0926

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72528	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3551.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0801			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33
Methane	<0.19		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

General ChemistryClient Sample ID: **MW-9A-040307**Lab Sample ID: **680-25563-1**
Client Matrix: WaterDate Sampled: **04/03/2007 0910**
Date Received: **04/04/2007 0926**

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	57		mg/L	1.0	1.0	325.2
	Anly Batch: 680-71926	Date Analyzed	04/09/2007 0850			
Nitrate as N	21		mg/L	1.0	20	353.2
	Anly Batch: 680-72339	Date Analyzed	04/04/2007 1558			
Total Organic Carbon	31		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72025	Date Analyzed	04/09/2007 1651			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	280		mg/L	50	10	375.4
	Anly Batch: 680-71767	Date Analyzed	04/06/2007 0914			

Client Sample ID: **MW-9B-040307**Lab Sample ID: **680-25563-2**
Client Matrix: WaterDate Sampled: **04/03/2007 1030**
Date Received: **04/04/2007 0926**

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	46		mg/L	1.0	1.0	325.2
	Anly Batch: 680-71926	Date Analyzed	04/09/2007 0850			
Nitrate as N	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-72339	Date Analyzed	04/04/2007 1558			
Total Organic Carbon	1.2		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72025	Date Analyzed	04/09/2007 1705			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	150		mg/L	25	5.0	375.4
	Anly Batch: 680-71767	Date Analyzed	04/06/2007 0832			

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

General Chemistry

Client Sample ID: MW-4A-040307

Lab Sample ID:	680-25563-3	Date Sampled:	04/03/2007 1150
Client Matrix:	Water	Date Received:	04/04/2007 0926

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	26		mg/L	1.0	1.0	325.2
	Anly Batch: 680-71926	Date Analyzed	04/09/2007 0850			
Nitrate as N	7.9		mg/L	0.50	10	353.2
	Anly Batch: 680-72339	Date Analyzed	04/04/2007 1558			
Total Organic Carbon	43		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72025	Date Analyzed	04/09/2007 1721			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	310		mg/L	50	10	375.4
	Anly Batch: 680-71767	Date Analyzed	04/06/2007 0914			

Client Sample ID: MW-4B-040307

Lab Sample ID:	680-25563-4	Date Sampled:	04/03/2007 1300
Client Matrix:	Water	Date Received:	04/04/2007 0926

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	44		mg/L	1.0	1.0	325.2
	Anly Batch: 680-71926	Date Analyzed	04/09/2007 0850			
Nitrate as N	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-72339	Date Analyzed	04/04/2007 1558			
Total Organic Carbon	1.3		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72025	Date Analyzed	04/09/2007 1810			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	130		mg/L	25	5.0	375.4
	Anly Batch: 680-71767	Date Analyzed	04/06/2007 0921			

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

General Chemistry

Client Sample ID: MW-4A-040307-D

Lab Sample ID:	680-25563-5	Date Sampled:	04/03/2007 1150
Client Matrix:	Water	Date Received:	04/04/2007 0926

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	27		mg/L	1.0	1.0	325.2
	Anly Batch: 680-71926	Date Analyzed	04/09/2007 0850			
Nitrate as N	8.1		mg/L	0.25	5.0	353.2
	Anly Batch: 680-72339	Date Analyzed	04/04/2007 1558			
Total Organic Carbon	43		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72025	Date Analyzed	04/09/2007 1839			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	320		mg/L	50	10	375.4
	Anly Batch: 680-71767	Date Analyzed	04/06/2007 0921			

Client Sample ID: MW-6-040307

Lab Sample ID:	680-25563-6	Date Sampled:	04/03/2007 1445
Client Matrix:	Water	Date Received:	04/04/2007 0926

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	180		mg/L	2.0	2.0	325.2
	Anly Batch: 680-71926	Date Analyzed	04/09/2007 0909			
Nitrate as N	1.8		mg/L	0.050	1.0	353.2
	Anly Batch: 680-72339	Date Analyzed	04/04/2007 1558			
Total Organic Carbon	68		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72025	Date Analyzed	04/09/2007 1855			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	470		mg/L	100	20	375.4
	Anly Batch: 680-71767	Date Analyzed	04/06/2007 0921			

Analytical Data

Client: URS Corporation

Job Number: 680-25563-1

General Chemistry

Client Sample ID: MW-2A-040307-RB

Lab Sample ID:	680-25563-7	Date Sampled:	04/03/2007 1510
Client Matrix:	Water	Date Received:	04/04/2007 0926

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	<1.0		mg/L	1.0	1.0	325.2
	Anly Batch: 680-71926	Date Analyzed	04/09/2007 0843			
Nitrate as N	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-72339	Date Analyzed	04/04/2007 1558			
Total Organic Carbon	<1.0		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72025	Date Analyzed	04/09/2007 1911			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	<5.0		mg/L	5.0	1.0	375.4

DATA REPORTING QUALIFIERS

Client: URS Corporation

Job Number: 680-25563-1

Lab Section	Qualifier	Description
GC/MS VOA		
	E	Result exceeded calibration range, secondary dilution required.
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

QUALITY CONTROL RESULTS

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-72309					
LCS 680-72309/3	Lab Control Spike	T	Water	8260B	
MB 680-72309/5	Method Blank	T	Water	8260B	
680-25563-1	MW-9A-040307	T	Water	8260B	
680-25563-2	MW-9B-040307	T	Water	8260B	
680-25563-3	MW-4A-040307	T	Water	8260B	
680-25563-7	MW-2A-040307-RB	T	Water	8260B	
680-25563-8TB	TB-040307	T	Water	8260B	
Analysis Batch:680-72459					
LCS 680-72459/4	Lab Control Spike	T	Water	8260B	
LCSD 680-72459/26	Lab Control Spike Duplicate	T	Water	8260B	
MB 680-72459/6	Method Blank	T	Water	8260B	
680-25563-4	MW-4B-040307	T	Water	8260B	
680-25563-5	MW-4A-040307-D	T	Water	8260B	
680-25563-6	MW-6-040307	T	Water	8260B	
Analysis Batch:680-72474					
LCS 680-72474/4	Lab Control Spike	T	Water	8260B	
MB 680-72474/14	Method Blank	T	Water	8260B	
680-25563-6DL	MW-6-040307	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Analysis Batch:680-72528					
LCS 680-72528/22	Lab Control Spike	T	Water	RSK-175	
MB 680-72528/23	Method Blank	T	Water	RSK-175	
680-25563-1	MW-9A-040307	T	Water	RSK-175	
680-25563-2	MW-9B-040307	T	Water	RSK-175	
680-25563-3	MW-4A-040307	T	Water	RSK-175	
680-25563-4	MW-4B-040307	T	Water	RSK-175	
680-25563-5	MW-4A-040307-D	T	Water	RSK-175	
680-25563-6	MW-6-040307	T	Water	RSK-175	
680-25563-7	MW-2A-040307-RB	T	Water	RSK-175	
Analysis Batch:680-72529					
LCS 680-72529/6	Lab Control Spike	T	Water	RSK-175	
680-25563-3	MW-4A-040307	T	Water	RSK-175	
680-25563-5	MW-4A-040307-D	T	Water	RSK-175	
680-25563-6	MW-6-040307	T	Water	RSK-175	

Report Basis

T = Total

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:680-71767					
LCS 680-71767/2	Lab Control Spike	T	Water	375.4	
MB 680-71767/1	Method Blank	T	Water	375.4	
680-25563-1	MW-9A-040307	T	Water	375.4	
680-25563-2	MW-9B-040307	T	Water	375.4	
680-25563-3	MW-4A-040307	T	Water	375.4	
680-25563-4	MW-4B-040307	T	Water	375.4	
680-25563-5	MW-4A-040307-D	T	Water	375.4	
680-25563-6	MW-6-040307	T	Water	375.4	
680-25563-7	MW-2A-040307-RB	T	Water	375.4	
680-25563-7DU	Duplicate	T	Water	375.4	
Analysis Batch:680-71926					
LCS 680-71926/6	Lab Control Spike	T	Water	325.2	
MB 680-71926/1	Method Blank	T	Water	325.2	
680-25563-1	MW-9A-040307	T	Water	325.2	
680-25563-2	MW-9B-040307	T	Water	325.2	
680-25563-3	MW-4A-040307	T	Water	325.2	
680-25563-4	MW-4B-040307	T	Water	325.2	
680-25563-5	MW-4A-040307-D	T	Water	325.2	
680-25563-6	MW-6-040307	T	Water	325.2	
680-25563-7	MW-2A-040307-RB	T	Water	325.2	
Analysis Batch:680-72025					
LCS 680-72025/4	Lab Control Spike	T	Water	415.1	
LCSD 680-72025/5	Lab Control Spike Duplicate	T	Water	415.1	
MB 680-72025/2	Method Blank	T	Water	415.1	
680-25563-1	MW-9A-040307	T	Water	415.1	
680-25563-2	MW-9B-040307	T	Water	415.1	
680-25563-3	MW-4A-040307	T	Water	415.1	
680-25563-4	MW-4B-040307	T	Water	415.1	
680-25563-4DU	Duplicate	T	Water	415.1	
680-25563-5	MW-4A-040307-D	T	Water	415.1	
680-25563-6	MW-6-040307	T	Water	415.1	
680-25563-7	MW-2A-040307-RB	T	Water	415.1	
Analysis Batch:680-72339					
LCS 680-72339/2	Lab Control Spike	T	Water	353.2	
MB 680-72339/1	Method Blank	T	Water	353.2	
680-25563-1	MW-9A-040307	T	Water	353.2	
680-25563-2	MW-9B-040307	T	Water	353.2	
680-25563-3	MW-4A-040307	T	Water	353.2	
680-25563-4	MW-4B-040307	T	Water	353.2	
680-25563-5	MW-4A-040307-D	T	Water	353.2	
680-25563-6	MW-6-040307	T	Water	353.2	
680-25563-7	MW-2A-040307-RB	T	Water	353.2	

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
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Report Basis

T = Total

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

Surrogate Recovery Report**8260B Volatile Organic Compounds by GC/MS****Client Matrix: Water**

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	(BFB) (%Rec)	(DFM) (%Rec)	(TOL) (%Rec)
LCS 680-72309/3		90	100	99
LCS 680-72459/4		87	105	95
LCS 680-72474/4		95	107	111
LCSD 680-72459/26		94	106	105
MB 680-72309/5		87	106	103
MB 680-72459/6		90	113	107
MB 680-72474/14		88	107	103
680-25563-1	MW-9A-040307	91	112	105
680-25563-2	MW-9B-040307	87	108	105
680-25563-3	MW-4A-040307	86	110	105
680-25563-4	MW-4B-040307	90	112	106
680-25563-5	MW-4A-040307-D	88	112	104
680-25563-6	MW-6-040307	95	111	107
680-25563-6 DL	MW-6-040307	93	107	107
680-25563-7	MW-2A-040307-RB	87	109	105
680-25563-8	TB-040307			

Surrogate	Acceptance Limits
(BFB) 4-Bromofluorobenzene	
(BFB) 4-Bromofluorobenzene	77 - 120
(DFM) Dibromofluoromethane	

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	(BFB) (%Rec)	(DFM) (%Rec)	(TOL) (%Rec)
LCS 680-72309/3		90	100	99
LCS 680-72459/4		87	105	95
LCS 680-72474/4		95	107	111
LCSD 680-72459/26		94	106	105
MB 680-72309/5		87	106	103
MB 680-72459/6		90	113	107
MB 680-72474/14		88	107	103
680-25563-1	MW-9A-040307	91	112	105
680-25563-2	MW-9B-040307	87	108	105
680-25563-3	MW-4A-040307	86	110	105
680-25563-4	MW-4B-040307	90	112	106
680-25563-5	MW-4A-040307-D	88	112	104
680-25563-6	MW-6-040307	95	111	107
680-25563-6 DL	MW-6-040307	93	107	107
680-25563-7	MW-2A-040307-RB	87	109	105
680-25563-8	TB-040307			

<u>Surrogate</u>	<u>Acceptance Limits</u>
(DFM)	Dibromofluoromethane
(TOL)	Toluene-d8 (Surr)
(TOL)	Toluene-d8 (Surr)

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

Method Blank - Batch: 680-72309

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-72309/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/12/2007 1621
Date Prepared: 04/12/2007 1621

Analysis Batch: 680-72309
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq900.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	103	79 - 122
4-Bromofluorobenzene	87	77 - 120
Dibromofluoromethane	106	75 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

Lab Control Spike - Batch: 680-72309

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-72309/3

Analysis Batch: 680-72309

Instrument ID: GC/MS Volatiles - P

Client Matrix: Water

Prep Batch: N/A

Lab File ID: pq895.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 04/12/2007 1413

Final Weight/Volume: 5 mL

Date Prepared: 04/12/2007 1413

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	47.2	94	51 - 133	
Bromomethane	50.0	44.9	90	21 - 176	
Vinyl chloride	50.0	48.0	96	59 - 136	
Chloroethane	50.0	48.8	98	40 - 171	
Methylene Chloride	50.0	48.9	98	67 - 128	
Acetone	100	105	105	20 - 183	
Carbon disulfide	50.0	51.3	103	60 - 130	
1,1-Dichloroethene	50.0	53.9	108	64 - 132	
1,1-Dichloroethane	50.0	51.3	103	70 - 127	
cis-1,2-Dichloroethene	50.0	56.0	112	69 - 126	
trans-1,2-Dichloroethene	50.0	53.5	107	67 - 130	
Chloroform	50.0	50.2	100	74 - 124	
1,2-Dichloroethane	50.0	45.8	92	68 - 130	
2-Butanone (MEK)	100	102	102	51 - 142	
1,1,1-Trichloroethane	50.0	48.3	97	70 - 132	
Carbon tetrachloride	50.0	50.1	100	64 - 137	
Bromodichloromethane	50.0	46.3	93	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	47.2	94	71 - 127	
1,2-Dichloropropane	50.0	46.7	93	74 - 123	
trans-1,3-Dichloropropene	50.0	42.8	86	75 - 126	
Trichloroethene	50.0	50.1	100	75 - 122	
Dibromochloromethane	50.0	52.0	104	75 - 126	
1,1,2-Trichloroethane	50.0	46.8	94	75 - 122	
Benzene	50.0	48.1	96	74 - 122	
cis-1,3-Dichloropropene	50.0	43.8	88	76 - 126	
Bromoform	50.0	42.6	85	64 - 132	
2-Hexanone	100	92.8	93	58 - 139	
4-Methyl-2-pentanone (MIBK)	100	87.5	88	62 - 130	
Tetrachloroethene	50.0	55.5	111	70 - 133	
Toluene	50.0	45.5	91	75 - 122	
Chlorobenzene	50.0	48.8	98	75 - 123	
Ethylbenzene	50.0	44.4	89	77 - 123	
Styrene	50.0	43.4	87	75 - 125	
Xylenes, Total	150	129	86	77 - 121	
Surrogate		% Rec		Acceptance Limits	
Toluene-d8 (Surr)		99		79 - 122	
4-Bromofluorobenzene		90		77 - 120	
Dibromofluoromethane		100		75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

Method Blank - Batch: 680-72459

Lab Sample ID: MB 680-72459/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/14/2007 0835
Date Prepared: 04/14/2007 0835

Analysis Batch: 680-72459
Prep Batch: N/A
Units: ug/L

Method: 8260B Preparation: 5030B

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq917.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	107	79 - 122	
4-Bromofluorobenzene	90	77 - 120	
Dibromofluoromethane	113	75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

**Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 680-72459**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 680-72459/4
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 04/14/2007 0732
 Date Prepared: 04/14/2007 0732

Analysis Batch: 680-72459
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - P
 Lab File ID: pq914.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-72459/26
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 04/14/2007 0753
 Date Prepared: 04/14/2007 0753

Analysis Batch: 680-72459
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - P
 Lab File ID: pq915.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	% Rec.				RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD	Limit	RPD			
Chloromethane	86	82	51 - 133	4	50		
Bromomethane	87	93	21 - 176	7	50		
Vinyl chloride	81	81	59 - 136	1	50		
Chloroethane	98	97	40 - 171	1	50		
Methylene Chloride	101	101	67 - 128	0	30		
Acetone	79	103	20 - 183	27	50		
Carbon disulfide	87	104	60 - 130	18	30		
1,1-Dichloroethene	122	113	64 - 132	7	30		
1,1-Dichloroethane	107	104	70 - 127	3	30		
cis-1,2-Dichloroethene	118	115	69 - 126	3	30		
trans-1,2-Dichloroethene	111	112	67 - 130	1	30		
Chloroform	104	103	74 - 124	1	30		
1,2-Dichloroethane	92	98	68 - 130	7	30		
2-Butanone (MEK)	86	103	51 - 142	18	30		
1,1,1-Trichloroethane	101	102	70 - 132	1	30		
Carbon tetrachloride	103	104	64 - 137	1	30		
Bromodichloromethane	98	97	74 - 128	1	30		
1,1,2,2-Tetrachloroethane	86	98	71 - 127	13	30		
1,2-Dichloropropane	95	98	74 - 123	3	30		
trans-1,3-Dichloropropene	87	94	75 - 126	8	30		
Trichloroethene	100	106	75 - 122	6	30		
Dibromochloromethane	105	113	75 - 126	8	30		
1,1,2-Trichloroethane	89	97	75 - 122	9	30		
Benzene	98	102	74 - 122	4	30		
cis-1,3-Dichloropropene	87	95	76 - 126	9	30		
Bromoform	90	95	64 - 132	5	30		
2-Hexanone	79	93	58 - 139	17	30		
4-Methyl-2-pentanone (MIBK)	80	90	62 - 130	12	30		
Tetrachloroethene	110	113	70 - 133	3	30		
Toluene	91	96	75 - 122	5	30		
Chlorobenzene	99	102	75 - 123	3	30		
Ethylbenzene	88	92	77 - 123	4	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

**Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 680-72459**

Method: 8260B

Preparation: 5030B

LCS Lab Sample ID:	LCS 680-72459/4	Analysis Batch:	680-72459	Instrument ID:	GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	pq914.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	04/14/2007 0732			Final Weight/Volume:	5 mL
Date Prepared:	04/14/2007 0732				

LCSD Lab Sample ID:	LCSD 680-72459/26	Analysis Batch:	680-72459	Instrument ID:	GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	pq915.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	04/14/2007 0753			Final Weight/Volume:	5 mL
Date Prepared:	04/14/2007 0753				

Analyte	% Rec.		RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD				
Styrene	87	89	75 - 125	3	30	
Xylenes, Total	86	88	77 - 121	2	30	
<hr/>						
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits	
Toluene-d8 (Surr)	95		105		79 - 122	
4-Bromofluorobenzene	87		94		77 - 120	
Dibromofluoromethane	105		106		75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

Method Blank - Batch: 680-72474

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-72474/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/15/2007 1012
Date Prepared: 04/15/2007 1012

Analysis Batch: 680-72474
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq930.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	103	79 - 122	
4-Bromofluorobenzene	88	77 - 120	
Dibromofluoromethane	107	75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

Lab Control Spike - Batch: 680-72474

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-72474/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/15/2007 0909
Date Prepared: 04/15/2007 0909

Analysis Batch: 680-72474
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq927.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	42.0	84	51 - 133	
Bromomethane	50.0	52.4	105	21 - 176	
Vinyl chloride	50.0	41.2	82	59 - 136	
Chloroethane	50.0	52.6	105	40 - 171	
Methylene Chloride	50.0	50.5	101	67 - 128	
Acetone	100	112	112	20 - 183	
Carbon disulfide	50.0	53.5	107	60 - 130	
1,1-Dichloroethene	50.0	56.9	114	64 - 132	
1,1-Dichloroethane	50.0	53.2	106	70 - 127	
cis-1,2-Dichloroethene	50.0	57.2	114	69 - 126	
trans-1,2-Dichloroethene	50.0	56.9	114	67 - 130	
Chloroform	50.0	50.7	101	74 - 124	
1,2-Dichloroethane	50.0	50.8	102	68 - 130	
2-Butanone (MEK)	100	110	110	51 - 142	
1,1,1-Trichloroethane	50.0	54.2	108	70 - 132	
Carbon tetrachloride	50.0	56.6	113	64 - 137	
Bromodichloromethane	50.0	51.5	103	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	52.5	105	71 - 127	
1,2-Dichloropropane	50.0	50.1	100	74 - 123	
trans-1,3-Dichloropropene	50.0	48.1	96	75 - 126	
Trichloroethene	50.0	54.7	109	75 - 122	
Dibromochloromethane	50.0	56.2	112	75 - 126	
1,1,2-Trichloroethane	50.0	52.0	104	75 - 122	
Benzene	50.0	53.2	106	74 - 122	
cis-1,3-Dichloropropene	50.0	47.6	95	76 - 126	
Bromoform	50.0	49.1	98	64 - 132	
2-Hexanone	100	104	104	58 - 139	
4-Methyl-2-pentanone (MIBK)	100	95.8	96	62 - 130	
Tetrachloroethene	50.0	59.7	119	70 - 133	
Toluene	50.0	48.1	96	75 - 122	
Chlorobenzene	50.0	52.2	104	75 - 123	
Ethylbenzene	50.0	47.7	95	77 - 123	
Styrene	50.0	45.7	91	75 - 125	
Xylenes, Total	150	138	92	77 - 121	
Surrogate		% Rec		Acceptance Limits	
Toluene-d8 (Surr)		111		79 - 122	
4-Bromofluorobenzene		95		77 - 120	
Dibromofluoromethane		107		75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

Method Blank - Batch: 680-72528

Method: RSK-175

Preparation: N/A

Lab Sample ID: MB 680-72528/23
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2007 0048
Date Prepared: N/A

Analysis Batch: 680-72528
Prep Batch: N/A
Units: ug/L

Instrument ID: GC Volatiles - U FID
Lab File ID: UQ1380.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume: 1 uL

Analyte	Result	Qual	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33
Methane	<0.19		0.19

Lab Control Spike - Batch: 680-72528

Method: RSK-175

Preparation: N/A

Lab Sample ID: LCS 680-72528/22
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/12/2007 2311
Date Prepared: N/A

Analysis Batch: 680-72528
Prep Batch: N/A
Units: ug/L

Instrument ID: GC Volatiles - U FID
Lab File ID: UQ1374.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethane	290	267	92	75 - 125	
Ethene	270	250	93	75 - 125	
Methane	150	141	94	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

Lab Control Spike - Batch: 680-72529

Method: RSK-175

Preparation: N/A

Lab Sample ID: LCS 680-72529/6

Analysis Batch: 680-72529

Instrument ID: GC Volatiles - U TCD

Client Matrix: Water

Prep Batch: N/A

Lab File ID: UQ1377.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume:

Date Analyzed: 04/12/2007 2359

Final Weight/Volume: 1000 uL

Date Prepared: N/A

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methane	1900	1880	99	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

Method Blank - Batch: 680-71926

Method: 325.2

Preparation: N/A

Lab Sample ID: MB 680-71926/1 Analysis Batch: 680-71926
Client Matrix: Water Prep Batch: N/A
Dilution: 1.0 Units: mg/L
Date Analyzed: 04/09/2007 0834
Date Prepared: N/A

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL
Chloride	<1.0		1.0

Lab Control Spike - Batch: 680-71926

Method: 325.2

Preparation: N/A

Lab Sample ID: LCS 680-71926/6 Analysis Batch: 680-71926
Client Matrix: Water Prep Batch: N/A
Dilution: 1.0 Units: mg/L
Date Analyzed: 04/09/2007 0837
Date Prepared: N/A

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	50.0	48.9	98	85 - 115	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

Method Blank - Batch: 680-72339

Method: 353.2

Preparation: N/A

Lab Sample ID: MB 680-72339/1

Analysis Batch: 680-72339

Instrument ID: No Equipment Assigned

Client Matrix: Water

Prep Batch: N/A

Lab File ID: N/A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume: 2 mL

Date Analyzed: 04/12/2007 1054

Final Weight/Volume:

Date Prepared: N/A

Analyte

Result

Qual

RL

Nitrate as N

<0.050

0.050

Lab Control Spike - Batch: 680-72339

Method: 353.2

Preparation: N/A

Lab Sample ID: LCS 680-72339/2

Analysis Batch: 680-72339

Instrument ID: No Equipment Assigned

Client Matrix: Water

Prep Batch: N/A

Lab File ID: N/A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume: 2 mL

Date Analyzed: 04/12/2007 1054

Final Weight/Volume: 2 mL

Date Prepared: N/A

Analyte

Spike Amount

Result

% Rec.

Limit

Qual

Nitrate as N

1.00

0.996

100

80 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

Method Blank - Batch: 680-71767

Method: 375.4

Preparation: N/A

Lab Sample ID: MB 680-71767/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/06/2007 0803
Date Prepared: N/A

Analysis Batch: 680-71767
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL
Sulfate	<5.0		5.0

Lab Control Spike - Batch: 680-71767

Method: 375.4

Preparation: N/A

Lab Sample ID: LCS 680-71767/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/06/2007 0803
Date Prepared: N/A

Analysis Batch: 680-71767
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfate	20.0	21.6	108	75 - 125	

Duplicate - Batch: 680-71767

Method: 375.4

Preparation: N/A

Lab Sample ID: 680-25563-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/06/2007 0817
Date Prepared: N/A

Analysis Batch: 680-71767
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Sulfate	<5.0	0.148	NC	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

Method Blank - Batch: 680-72025

Method: 415.1

Preparation: N/A

Lab Sample ID: MB 680-72025/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/09/2007 1138
Date Prepared: N/A

Analysis Batch: 680-72025
Prep Batch: N/A
Units: mg/L

Instrument ID: Total Organic Carbon Analyze
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 25 mL

Analyte	Result	Qual	RL
Total Organic Carbon	<1.0		1.0

Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 680-72025

Method: 415.1

Preparation: N/A

LCS Lab Sample ID: LCS 680-72025/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/09/2007 1209
Date Prepared: N/A

Analysis Batch: 680-72025
Prep Batch: N/A
Units: mg/L

Instrument ID: Total Organic Carbon Analyze
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 25 mL

LCSD Lab Sample ID: LCSD 680-72025/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/09/2007 1225
Date Prepared: N/A

Analysis Batch: 680-72025
Prep Batch: N/A
Units: mg/L

Instrument ID: Total Organic Carbon Analyze
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Total Organic Carbon	97	102	80 - 120	5	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25563-1

Duplicate - Batch: 680-72025

Method: 415.1

Preparation: N/A

Lab Sample ID: 680-25563-4

Analysis Batch: 680-72025

Instrument ID: Total Organic Carbon Analyze

Client Matrix: Water

Prep Batch: N/A

Lab File ID: N/A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume:

Date Analyzed: 04/09/2007 1822

Final Weight/Volume: 25 mL

Date Prepared: N/A

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Organic Carbon	1.3	1.26	3	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Serial Number 100168

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN
TRENT

STL

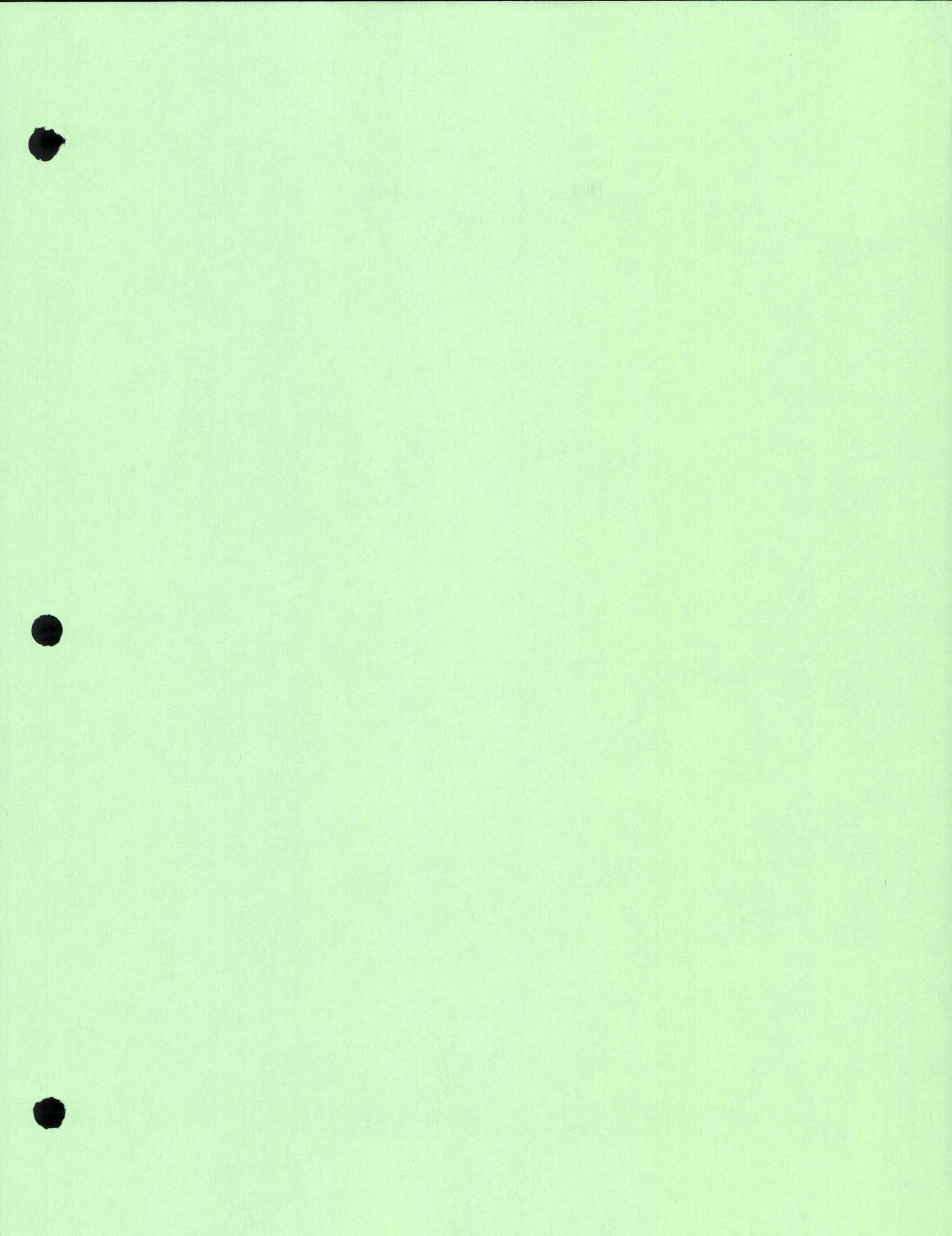
STL Savannah

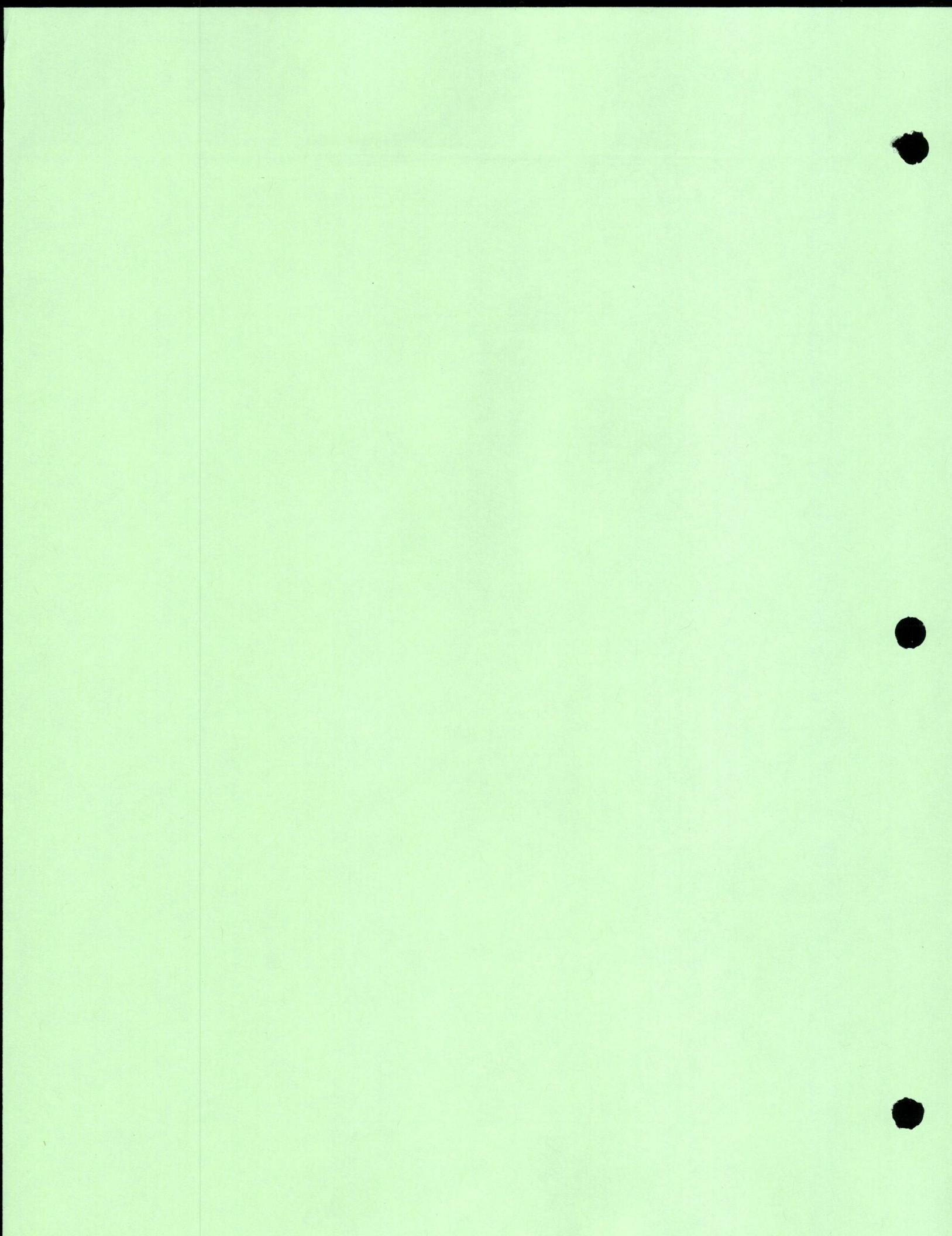
5102 LaRoche Avenue
Savannah, GA 31404Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE <i>Ashland KCK</i>	PROJECT NO.	PROJECT LOCATION (STATE) <i>KS</i>	MATRIX TYPE	REQUIRED ANALYSIS						PAGE <i>1</i> OF <i>1</i>		
STL (LAB) PROJECT MANAGER <i>Terry Hornsby</i>	P.O. NUMBER <i>37679730,07500</i>	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE	<i>8260B-TCI Sublist</i>	<i>415.1 TOC</i>	<i>353.2</i>	<i>METHANE</i>	<i>RSK-175 ETHENE</i>	<i>325.2, 375.4</i>	STANDARD REPORT DELIVERY		
CLIENT (SITE) PM <i>Russell Killebrew</i>	CLIENT PHONE <i>678-808-8800</i>	CLIENT FAX	AQUEOUS (WATER)	<i>HCl</i>	<i>HC</i>	<i>H₂S</i>	<i>MONO</i>	<i>HC</i>	<i>HC</i>	DATE DUE <i>0</i>		
CLIENT NAME <i>URS Corporation</i>	CLIENT E-MAIL	SOLID OR SEMISOLID	AIR	<i>NONAQUEOUS LIQUID (OIL, SOLVENT...)</i>	<i>H₂S</i>	<i>HC</i>	<i>MONO</i>	<i>HC</i>	<i>HC</i>	EXPEDITED REPORT DELIVERY (SURCHARGE)		
CLIENT ADDRESS <i>Atlanta, GA</i>	COMPANY CONTRACTING THIS WORK (if applicable)									DATE DUE <i>0</i>		
NUMBER OF COOLERS SUBMITTED PER SHIPMENT: <i>1</i>												
SAMPLE		SAMPLE IDENTIFICATION			NUMBER OF CONTAINERS SUBMITTED						REMARKS	
DATE	TIME				G	X	X	X	X	X		
<i>4/3/07</i>	9:10	mw - 9A - 040307			G	X	X	X	X	X		
	10:30	mw - 9B - 040307			G	X	X	X	X	X		
	11:50	mw - 4A - 040307			G	X	X	X	X	X		
	13:00	mw - 4B - 040307			G	X	X	X	X	X		
	11:50	mw - 4A - 040307-D			G	X	X	X	X	X		
	14:45	mw - 6 - 040307			G	X	X	X	X	X		
	15:10	mw - 2A - 040307-RB			G	X	X	X	X	X	<i>TEMP: 1.8°C</i>	
<i>4/3/07</i>		TB - 040307			X	X						
RELINQUISHED BY: (SIGNATURE) <i>Bruce Weller</i>			DATE <i>4/3/07</i>	TIME <i>1700</i>	RELINQUISHED BY: (SIGNATURE)			DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>KC</i>			DATE	TIME	RECEIVED BY: (SIGNATURE)			DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
LABORATORY USE ONLY												
RECEIVED FOR LABORATORY BY (SIGNATURE) <i>KC</i>	DATE	TIME	CUSTOMER INVOICE NO. <i>100168</i>	CUSTOMER NAME <i>STL</i>	STL SAVANNAH LOG NO. <i>680-230</i>	LABORATORY REMARKS						





ANALYTICAL REPORT

Job Number: 680-25685-1

Job Description: Ashland Kansas City

For:
URS Corporation
400 Northpark Town Center
1000 Abernathy Road N.E., Suite 900
Atlanta, GA 30328

Attention: Mr. Russ Killebrew

Terry Hornsby

Terry Hornsby
Project Manager I
thornsby@stl-inc.com
04/19/2007

Project Manager: Terry Hornsby

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

Severn Trent Laboratories, Inc.
STL Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 351-3673 www.stl-inc.com



METHOD SUMMARY

Client: URS Corporation

Job Number: 680-25685-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS Purge-and-Trap	STL SAV STL SAV	SW846 8260B SW846	5030B
Dissolved Gases in Water	STL SAV	RSK	RSK-175
Chloride (Colorimetric, Automated Ferricyanide)	STL SAV	MCAWW	325.2
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	STL SAV	MCAWW	353.2
Sulfate (Turbidimetric)	STL SAV	MCAWW	375.4
Total Organic Carbon, Combustion or Oxidation	STL SAV	MCAWW	415.1

LAB REFERENCES:

STL SAV = STL Savannah

METHOD REFERENCES:

MCAWW - "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

RSK - Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: URS Corporation

Job Number: 680-25685-1

Method	Analyst	Analyst ID
SW846 8260B	Fields, Robert	RF
RSK RSK-175	Hall, Elizabeth	EH
MCAWW 325.2	Ross, Jon	JR
MCAWW 353.2	Lawhon, Jon	JL
MCAWW 375.4	Ross, Jon	JR
MCAWW 415.1	Blackshear, Kim	KB

SAMPLE SUMMARY

Client: URS Corporation

Job Number: 680-25685-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-25685-1	MW-11-040507	Water	04/05/2007 0915	04/06/2007 0916
680-25685-2	MW-13-040507	Water	04/05/2007 1035	04/06/2007 0916
680-25685-3	MW-12A-040507	Water	04/05/2007 1145	04/06/2007 0916
680-25685-4	MW-12B-040507-RB	Water	04/05/2007 1210	04/06/2007 0916
680-25685-5	MW-12B-040507	Water	04/05/2007 1315	04/06/2007 0916
680-25685-6	MW-7A-040507	Water	04/05/2007 1505	04/06/2007 0916
680-25685-7	MW-7B-040507	Water	04/05/2007 1630	04/06/2007 0916
680-25685-8TB	TB-040507	Water	04/05/2007 0000	04/06/2007 0916

SAMPLE RESULTS

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

Client Sample ID: MW-11-040507

Lab Sample ID: 680-25685-1

Client Matrix: Water

Date Sampled: 04/05/2007 0915

Date Received: 04/06/2007 0916

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72662	Instrument ID:	GC/MS Volatiles - A C2
Preparation:	5030B			Lab File ID:	a1845.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/14/2007 1658			Final Weight/Volume:	5 mL
Date Prepared:	04/14/2007 1658				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	92		79 - 122
4-Bromofluorobenzene	98		77 - 120
Dibromofluoromethane	99		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

Client Sample ID: MW-13-040507

Lab Sample ID: 680-25685-2

Client Matrix: Water

Date Sampled: 04/05/2007 1035

Date Received: 04/06/2007 0916

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-72662	Instrument ID: GC/MS Volatiles - A C2
Preparation:	5030B		Lab File ID: a1846.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	04/14/2007 1717		Final Weight/Volume: 5 mL
Date Prepared:	04/14/2007 1717		

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	92		79 - 122
4-Bromofluorobenzene	96		77 - 120
Dibromofluoromethane	99		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

Client Sample ID: MW-12A-040507

Lab Sample ID: 680-25685-3

Client Matrix: Water

Date Sampled: 04/05/2007 1145

Date Received: 04/06/2007 0916

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72662	Instrument ID:	GC/MS Volatiles - A C2
Preparation:	5030B			Lab File ID:	a1847.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/14/2007 1737			Final Weight/Volume:	5 mL
Date Prepared:	04/14/2007 1737				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	91	79 - 122	
4-Bromofluorobenzene	95	77 - 120	
Dibromofluoromethane	99	75 - 123	

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

Client Sample ID: MW-12B-040507-RB

Lab Sample ID: 680-25685-4

Date Sampled: 04/05/2007 1210

Client Matrix: Water

Date Received: 04/06/2007 0916

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72662	Instrument ID:	GC/MS Volatiles - A C2
Preparation:	5030B			Lab File ID:	a1848.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/14/2007 1756			Final Weight/Volume:	5 mL
Date Prepared:	04/14/2007 1756				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	92	79 - 122	
4-Bromofluorobenzene	96	77 - 120	
Dibromofluoromethane	99	75 - 123	

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

Client Sample ID: MW-12B-040507

Lab Sample ID: 680-25685-5

Date Sampled: 04/05/2007 1315

Client Matrix: Water

Date Received: 04/06/2007 0916

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72662	Instrument ID:	GC/MS Volatiles - A C2
Preparation:	5030B			Lab File ID:	a1849.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/14/2007 1816			Final Weight/Volume:	5 mL
Date Prepared:	04/14/2007 1816				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	94		79 - 122
4-Bromofluorobenzene	97		77 - 120
Dibromofluoromethane	98		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

Client Sample ID: MW-7A-040507

Lab Sample ID: 680-25685-6

Date Sampled: 04/05/2007 1505

Client Matrix: Water

Date Received: 04/06/2007 0916

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-72662	Instrument ID: GC/MS Volatiles - A C2
Preparation:	5030B		Lab File ID: a1850.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	04/14/2007 1836		Final Weight/Volume: 5 mL
Date Prepared:	04/14/2007 1836		

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	95	79 - 122	
4-Bromofluorobenzene	97	77 - 120	
Dibromofluoromethane	99	75 - 123	

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

Client Sample ID: MW-7B-040507

Lab Sample ID: 680-25685-7

Client Matrix: Water

Date Sampled: 04/05/2007 1630

Date Received: 04/06/2007 0916

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72658	Instrument ID:	GC/MS Volatiles - A C2
Preparation:	5030B			Lab File ID:	a1859.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/16/2007 1508			Final Weight/Volume:	5 mL
Date Prepared:	04/16/2007 1508				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	97		79 - 122
4-Bromofluorobenzene	101		77 - 120
Dibromofluoromethane	100		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

Client Sample ID: TB-040507

Lab Sample ID: 680-25685-8TB

Client Matrix: Water

Date Sampled: 04/05/2007 0000

Date Received: 04/06/2007 0916

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-72662	Instrument ID: GC/MS Volatiles - A C2
Preparation:	5030B		Lab File ID: a1844.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	04/14/2007 1638		Final Weight/Volume: 5 mL
Date Prepared:	04/14/2007 1638		

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	1.3		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	1.1		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	93	79 - 122	
4-Bromofluorobenzene	97	77 - 120	
Dibromofluoromethane	100	75 - 123	

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

Client Sample ID: MW-11-040507

Lab Sample ID: 680-25685-1

Client Matrix: Water

Date Sampled: 04/05/2007 0915

Date Received: 04/06/2007 0916

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72783	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3611.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/18/2007 1040			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33
Methane	<0.19		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

Client Sample ID: MW-13-040507

Lab Sample ID: 680-25685-2

Client Matrix: Water

Date Sampled: 04/05/2007 1035

Date Received: 04/06/2007 0916

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch: 680-72774	Instrument ID: GC Volatiles - U FID
Preparation:	N/A		Lab File ID: U3554.D
Dilution:	1.0		Initial Weight/Volume:
Date Analyzed:	04/13/2007 1548		Final Weight/Volume: 1000 uL
Date Prepared:	N/A		Injection Volume: 1 uL
			Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	13		0.35
Ethene	<0.33		0.33

Method:	RSK-175	Analysis Batch: 680-72776	Instrument ID: GC Volatiles - U TCD
Preparation:	N/A		Lab File ID: U3554.D
Dilution:	1.0		Initial Weight/Volume:
Date Analyzed:	04/13/2007 1548		Final Weight/Volume: 1000 uL
Date Prepared:	N/A		Injection Volume: 1 uL
			Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	470		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

Client Sample ID: **MW-12A-040507**Lab Sample ID: **680-25685-3**Date Sampled: **04/05/2007 1145**Client Matrix: **Water**Date Received: **04/06/2007 0916****RSK-175 Dissolved Gases in Water**

Method:	RSK-175	Analysis Batch:	680-72774	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3555.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 1604			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	1.3		0.35
Ethene	<0.33		0.33
Methane	380		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

Client Sample ID: MW-12B-040507-RB

Lab Sample ID: 680-25685-4

Client Matrix: Water

Date Sampled: 04/05/2007 1210

Date Received: 04/06/2007 0916

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72783	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3597.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/18/2007 0337			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33
Methane	<0.19		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

Client Sample ID: **MW-12B-040507**Lab Sample ID: **680-25685-5**

Client Matrix: Water

Date Sampled: **04/05/2007 1315**Date Received: **04/06/2007 0916****RSK-175 Dissolved Gases in Water**

Method:	RSK-175	Analysis Batch:	680-72774	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3556.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 1620			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	2.5		0.35
Ethene	<0.33		0.33
Methane	160		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

Client Sample ID: MW-7A-040507

Lab Sample ID: 680-25685-6

Client Matrix: Water

Date Sampled: 04/05/2007 1505

Date Received: 04/06/2007 0916

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72783	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3612.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/18/2007 1056			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	0.40		0.33
Methane	0.31		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

Client Sample ID: MW-7B-040507

Lab Sample ID: 680-25685-7

Client Matrix: Water

Date Sampled: 04/05/2007 1630

Date Received: 04/06/2007 0916

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72774	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3558.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 1653			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	7.3		0.35
Ethene	69		0.33

Method:	RSK-175	Analysis Batch:	680-72776	Instrument ID:	GC Volatiles - U TCD
Preparation:	N/A			Lab File ID:	U3558.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 1653			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	4600		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

General Chemistry

Client Sample ID: MW-11-040507

Lab Sample ID: 680-25685-1

Client Matrix: Water

Date Sampled: 04/05/2007 0915

Date Received: 04/06/2007 0916

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	5.6		mg/L	1.0	1.0	325.2
	Anly Batch: 680-72182	Date Analyzed	04/11/2007 0815			
Nitrate as N	0.60		mg/L	0.10	2.0	353.2
	Anly Batch: 680-72484	Date Analyzed	04/06/2007 1413			
Total Organic Carbon	1.6		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72228	Date Analyzed	04/11/2007 1343			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	100		mg/L	25	5.0	375.4
	Anly Batch: 680-71940	Date Analyzed	04/09/2007 1225			

Client Sample ID: MW-13-040507

Lab Sample ID: 680-25685-2

Client Matrix: Water

Date Sampled: 04/05/2007 1035

Date Received: 04/06/2007 0916

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	24		mg/L	1.0	1.0	325.2
	Anly Batch: 680-72182	Date Analyzed	04/11/2007 0840			
Nitrate as N	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-72484	Date Analyzed	04/06/2007 1413			
Total Organic Carbon	2.3		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72228	Date Analyzed	04/11/2007 1412			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	52		mg/L	10	2.0	375.4
	Anly Batch: 680-71940	Date Analyzed	04/09/2007 1219			

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

General Chemistry

Client Sample ID: MW-12A-040507

Lab Sample ID: 680-25685-3
Client Matrix: WaterDate Sampled: 04/05/2007 1145
Date Received: 04/06/2007 0916

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	24		mg/L	1.0	1.0	325.2
	Anly Batch: 680-72182	Date Analyzed	04/11/2007 0840			
Nitrate as N	0.075		mg/L	0.050	1.0	353.2
	Anly Batch: 680-72484	Date Analyzed	04/06/2007 1433			
Total Organic Carbon	4.3		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72228	Date Analyzed	04/11/2007 1426			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	150		mg/L	25	5.0	375.4
	Anly Batch: 680-71940	Date Analyzed	04/09/2007 1225			

Client Sample ID: MW-12B-040507-RB

Lab Sample ID: 680-25685-4
Client Matrix: WaterDate Sampled: 04/05/2007 1210
Date Received: 04/06/2007 0916

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	1.4		mg/L	1.0	1.0	325.2
	Anly Batch: 680-72182	Date Analyzed	04/11/2007 0815			
Nitrate as N	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-72484	Date Analyzed	04/06/2007 1413			
Total Organic Carbon	<1.0		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72228	Date Analyzed	04/11/2007 1442			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	<5.0		mg/L	5.0	1.0	375.4
	Anly Batch: 680-71940	Date Analyzed	04/09/2007 1142			

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

General Chemistry

Client Sample ID: MW-12B-040507

Lab Sample ID: 680-25685-5 Date Sampled: 04/05/2007 1315
Client Matrix: Water Date Received: 04/06/2007 0916

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	41		mg/L	1.0	1.0	325.2
	Anly Batch: 680-72182	Date Analyzed	04/11/2007 0840			
Nitrate as N	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-72484	Date Analyzed	04/06/2007 1433			
Total Organic Carbon	1.3		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72228	Date Analyzed	04/11/2007 1457			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	110		mg/L	25	5.0	375.4
	Anly Batch: 680-71940	Date Analyzed	04/09/2007 1215			

Client Sample ID: MW-7A-040507

Lab Sample ID: 680-25685-6 Date Sampled: 04/05/2007 1505
Client Matrix: Water Date Received: 04/06/2007 0916

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	21		mg/L	1.0	1.0	325.2
	Anly Batch: 680-72182	Date Analyzed	04/11/2007 0840			
Nitrate as N	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-72484	Date Analyzed	04/06/2007 1413			
Total Organic Carbon	<1.0		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72228	Date Analyzed	04/11/2007 1511			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	130		mg/L	25	5.0	375.4
	Anly Batch: 680-71940	Date Analyzed	04/09/2007 1215			

Analytical Data

Client: URS Corporation

Job Number: 680-25685-1

General Chemistry

Client Sample ID: MW-7B-040507

Lab Sample ID: 680-25685-7
Client Matrix: WaterDate Sampled: 04/05/2007 1630
Date Received: 04/06/2007 0916

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	310		mg/L	5.0	5.0	325.2
	Anly Batch: 680-72182	Date Analyzed	04/11/2007 0856			
Nitrate as N	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-72484	Date Analyzed	04/06/2007 1453			
Total Organic Carbon	1.3		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72228	Date Analyzed	04/11/2007 1526			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	120		mg/L	25	5.0	375.4
	Anly Batch: 680-71940	Date Analyzed	04/09/2007 1217			

QUALITY CONTROL RESULTS

Quality Control Results

Client: URS Corporation

Job Number: 680-25685-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-72658					
LCS 680-72658/3	Lab Control Spike	T	Water	8260B	
MB 680-72658/5	Method Blank	T	Water	8260B	
680-25685-7	MW-7B-040507	T	Water	8260B	
Analysis Batch:680-72662					
LCS 680-72662/21	Lab Control Spike	T	Water	8260B	
MB 680-72662/22	Method Blank	T	Water	8260B	
680-25685-1	MW-11-040507	T	Water	8260B	
680-25685-2	MW-13-040507	T	Water	8260B	
680-25685-3	MW-12A-040507	T	Water	8260B	
680-25685-4	MW-12B-040507-RB	T	Water	8260B	
680-25685-5	MW-12B-040507	T	Water	8260B	
680-25685-6	MW-7A-040507	T	Water	8260B	
680-25685-8TB	TB-040507	T	Water	8260B	

Report Basis

T = Total

GC VOA

Analysis Batch:680-72774					
LCS 680-72774/16	Lab Control Spike	T	Water	RSK-175	
MB 680-72774/17	Method Blank	T	Water	RSK-175	
680-25685-2	MW-13-040507	T	Water	RSK-175	
680-25685-3	MW-12A-040507	T	Water	RSK-175	
680-25685-5	MW-12B-040507	T	Water	RSK-175	
680-25685-7	MW-7B-040507	T	Water	RSK-175	
Analysis Batch:680-72776					
LCS 680-72776/6	Lab Control Spike	T	Water	RSK-175	
680-25685-2	MW-13-040507	T	Water	RSK-175	
680-25685-7	MW-7B-040507	T	Water	RSK-175	
Analysis Batch:680-72783					
LCS 680-72783/35	Lab Control Spike	T	Water	RSK-175	
MB 680-72783/34	Method Blank	T	Water	RSK-175	
680-25685-1	MW-11-040507	T	Water	RSK-175	
680-25685-4	MW-12B-040507-RB	T	Water	RSK-175	
680-25685-6	MW-7A-040507	T	Water	RSK-175	

Report Basis

T = Total

STL Savannah

Quality Control Results

Client: URS Corporation

Job Number: 680-25685-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:680-71940					
LCS 680-71940/2	Lab Control Spike	T	Water	375.4	
MB 680-71940/1	Method Blank	T	Water	375.4	
680-25685-1	MW-11-040507	T	Water	375.4	
680-25685-2	MW-13-040507	T	Water	375.4	
680-25685-3	MW-12A-040507	T	Water	375.4	
680-25685-4	MW-12B-040507-RB	T	Water	375.4	
680-25685-5	MW-12B-040507	T	Water	375.4	
680-25685-6	MW-7A-040507	T	Water	375.4	
680-25685-7	MW-7B-040507	T	Water	375.4	
680-25685-7DU	Duplicate	T	Water	375.4	
Analysis Batch:680-72182					
LCS 680-72182/2	Lab Control Spike	T	Water	325.2	
MB 680-72182/1	Method Blank	T	Water	325.2	
680-25685-1	MW-11-040507	T	Water	325.2	
680-25685-1DU	Duplicate	T	Water	325.2	
680-25685-2	MW-13-040507	T	Water	325.2	
680-25685-3	MW-12A-040507	T	Water	325.2	
680-25685-4	MW-12B-040507-RB	T	Water	325.2	
680-25685-5	MW-12B-040507	T	Water	325.2	
680-25685-6	MW-7A-040507	T	Water	325.2	
680-25685-7	MW-7B-040507	T	Water	325.2	
Analysis Batch:680-72228					
LCS 680-72228/4	Lab Control Spike	T	Water	415.1	
LCSD 680-72228/5	Lab Control Spike Duplicate	T	Water	415.1	
MB 680-72228/2	Method Blank	T	Water	415.1	
680-25685-1	MW-11-040507	T	Water	415.1	
680-25685-1DU	Duplicate	T	Water	415.1	
680-25685-2	MW-13-040507	T	Water	415.1	
680-25685-3	MW-12A-040507	T	Water	415.1	
680-25685-4	MW-12B-040507-RB	T	Water	415.1	
680-25685-5	MW-12B-040507	T	Water	415.1	
680-25685-6	MW-7A-040507	T	Water	415.1	
680-25685-7	MW-7B-040507	T	Water	415.1	

Quality Control Results

Client: URS Corporation

Job Number: 680-25685-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:680-72484					
LCS 680-72484/2	Lab Control Spike	T	Water	353.2	
MB 680-72484/1	Method Blank	T	Water	353.2	
680-25685-1	MW-11-040507	T	Water	353.2	
680-25685-2	MW-13-040507	T	Water	353.2	
680-25685-3	MW-12A-040507	T	Water	353.2	
680-25685-3DU	Duplicate	T	Water	353.2	
680-25685-4	MW-12B-040507-RB	T	Water	353.2	
680-25685-5	MW-12B-040507	T	Water	353.2	
680-25685-6	MW-7A-040507	T	Water	353.2	
680-25685-7	MW-7B-040507	T	Water	353.2	

Report Basis

T = Total

Quality Control Results

Client: URS Corporation

Job Number: 680-25685-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	(BFB) (%Rec)	(DFM) (%Rec)	(TOL) (%Rec)
LCS 680-72658/3		97	93	93
LCS 680-72662/21		95	92	88
MB 680-72658/5		101	105	95
MB 680-72662/22		91	100	88
680-25685-1	MW-11-040507	98	99	92
680-25685-2	MW-13-040507	96	99	92
680-25685-3	MW-12A-040507	95	99	91
680-25685-4	MW-12B-040507-RB	96	99	92
680-25685-5	MW-12B-040507	97	98	94
680-25685-6	MW-7A-040507	97	99	95
680-25685-7	MW-7B-040507	101	100	97
680-25685-8	TB-040507	97	100	93

<u>Surrogate</u>	<u>Acceptance Limits</u>
(BFB) 4-Bromofluorobenzene	77 - 120
(DFM) Dibromofluoromethane	75 - 123
(TOL) Toluene-d8 (Surr)	79 - 122

Quality Control Results

Client: URS Corporation

Job Number: 680-25685-1

Method Blank - Batch: 680-72658

Lab Sample ID: MB 680-72658/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/16/2007 1150
Date Prepared: 04/16/2007 1150

Analysis Batch: 680-72658
Prep Batch: N/A
Units: ug/L

Method: 8260B
Preparation: 5030B

Instrument ID: GC/MS Volatiles - A C2
Lab File ID: aq511.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	95	79 - 122	
4-Bromofluorobenzene	101	77 - 120	
Dibromofluoromethane	105	75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25685-1

Lab Control Spike - Batch: 680-72658

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: LCS 680-72658/3

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 04/16/2007 1049

Date Prepared: 04/16/2007 1049

Analysis Batch: 680-72658

Prep Batch: N/A

Units: ug/L

Instrument ID: GC/MS Volatiles - A C2

Lab File ID: aq509.d

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	54.3	109	51 - 133	
Bromomethane	50.0	53.8	108	21 - 176	
Vinyl chloride	50.0	54.8	110	59 - 136	
Chloroethane	50.0	47.4	95	40 - 171	
Methylene Chloride	50.0	42.3	85	67 - 128	
Acetone	100	70.3	70	20 - 183	
Carbon disulfide	50.0	38.2	76	60 - 130	
1,1-Dichloroethene	50.0	55.9	112	64 - 132	
1,1-Dichloroethane	50.0	49.1	98	70 - 127	
cis-1,2-Dichloroethene	50.0	50.8	102	69 - 126	
trans-1,2-Dichloroethene	50.0	46.9	94	67 - 130	
Chloroform	50.0	48.3	97	74 - 124	
1,2-Dichloroethane	50.0	47.2	94	68 - 130	
2-Butanone (MEK)	100	75.4	75	51 - 142	
1,1,1-Trichloroethane	50.0	50.2	100	70 - 132	
Carbon tetrachloride	50.0	51.9	104	64 - 137	
Bromodichloromethane	50.0	51.0	102	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	47.7	95	71 - 127	
1,2-Dichloropropane	50.0	50.8	102	74 - 123	
trans-1,3-Dichloropropene	50.0	49.6	99	75 - 126	
Trichloroethene	50.0	48.9	98	75 - 122	
Dibromochloromethane	50.0	52.3	105	75 - 126	
1,1,2-Trichloroethane	50.0	47.4	95	75 - 122	
Benzene	50.0	48.4	97	74 - 122	
cis-1,3-Dichloropropene	50.0	49.2	98	76 - 126	
Bromoform	50.0	51.8	104	64 - 132	
2-Hexanone	100	82.7	83	58 - 139	
4-Methyl-2-pentanone (MIBK)	100	86.8	87	62 - 130	
Tetrachloroethene	50.0	50.2	100	70 - 133	
Toluene	50.0	45.6	91	75 - 122	
Chlorobenzene	50.0	49.4	99	75 - 123	
Ethylbenzene	50.0	48.7	97	77 - 123	
Styrene	50.0	50.7	101	75 - 125	
Xylenes, Total	150	149	99	77 - 121	
Surrogate		% Rec		Acceptance Limits	
Toluene-d8 (Surr)		93		79 - 122	
4-Bromofluorobenzene		97		77 - 120	
Dibromofluoromethane		93		75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25685-1

Method Blank - Batch: 680-72662

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-72662/22
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/14/2007 1118
Date Prepared: 04/14/2007 1118

Analysis Batch: 680-72662
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A C2
Lab File ID: aq506.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	88	79 - 122	
4-Bromofluorobenzene	91	77 - 120	
Dibromofluoromethane	100	75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25685-1

Lab Control Spike - Batch: 680-72662

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-72662/21
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 04/14/2007 1025
 Date Prepared: 04/14/2007 1025

Analysis Batch: 680-72662
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - A C2
 Lab File ID: aq504.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	45.3	91	51 - 133	
Bromomethane	50.0	39.8	80	21 - 176	
Vinyl chloride	50.0	46.4	93	59 - 136	
Chloroethane	50.0	43.0	86	40 - 171	
Methylene Chloride	50.0	39.0	78	67 - 128	
Acetone	100	63.1	63	20 - 183	
Carbon disulfide	50.0	32.4	65	60 - 130	
1,1-Dichloroethene	50.0	48.3	97	64 - 132	
1,1-Dichloroethane	50.0	44.6	89	70 - 127	
cis-1,2-Dichloroethene	50.0	48.6	97	69 - 126	
trans-1,2-Dichloroethene	50.0	42.7	85	67 - 130	
Chloroform	50.0	47.0	94	74 - 124	
1,2-Dichloroethane	50.0	47.9	96	68 - 130	
2-Butanone (MEK)	100	91.3	91	51 - 142	
1,1,1-Trichloroethane	50.0	48.3	97	70 - 132	
Carbon tetrachloride	50.0	46.4	93	64 - 137	
Bromodichloromethane	50.0	48.0	96	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	52.8	106	71 - 127	
1,2-Dichloropropane	50.0	51.1	102	74 - 123	
trans-1,3-Dichloropropene	50.0	49.5	99	75 - 126	
Trichloroethene	50.0	45.5	91	75 - 122	
Dibromochloromethane	50.0	51.0	102	75 - 126	
1,1,2-Trichloroethane	50.0	48.0	96	75 - 122	
Benzene	50.0	48.2	96	74 - 122	
cis-1,3-Dichloropropene	50.0	49.4	99	76 - 126	
Bromoform	50.0	50.6	101	64 - 132	
2-Hexanone	100	108	108	58 - 139	
4-Methyl-2-pentanone (MIBK)	100	104	104	62 - 130	
Tetrachloroethene	50.0	48.1	96	70 - 133	
Toluene	50.0	43.7	87	75 - 122	
Chlorobenzene	50.0	48.4	97	75 - 123	
Ethylbenzene	50.0	48.8	98	77 - 123	
Styrene	50.0	48.2	96	75 - 125	
Xylenes, Total	150	143	95	77 - 121	
Surrogate		% Rec		Acceptance Limits	
Toluene-d8 (Surr)		88		79 - 122	
4-Bromofluorobenzene		95		77 - 120	
Dibromofluoromethane		92		75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25685-1

Method Blank - Batch: 680-72774

Method: RSK-175

Preparation: N/A

Lab Sample ID: MB 680-72774/17
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2007 1301
Date Prepared: N/A

Analysis Batch: 680-72774
Prep Batch: N/A
Units: ug/L

Instrument ID: GC Volatiles - U FID
Lab File ID: UQ1391.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume: 1 uL

Analyte	Result	Qual	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33
Methane	<0.19		0.19

Lab Control Spike - Batch: 680-72774

Method: RSK-175

Preparation: N/A

Lab Sample ID: LCS 680-72774/16
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2007 0943
Date Prepared: N/A

Analysis Batch: 680-72774
Prep Batch: N/A
Units: ug/L

Instrument ID: GC Volatiles - U FID
Lab File ID: UQ1385.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethane	290	274	94	75 - 125	
Ethene	270	252	93	75 - 125	
Methane	150	156	104	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25685-1

Lab Control Spike - Batch: 680-72776

Method: RSK-175

Preparation: N/A

Lab Sample ID: LCS 680-72776/6

Analysis Batch: 680-72776

Instrument ID: GC Volatiles - U TCD

Client Matrix: Water

Prep Batch: N/A

Lab File ID: UQ1387.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume:

Date Analyzed: 04/13/2007 1015

Final Weight/Volume: 1000 uL

Date Prepared: N/A

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methane	1900	2040	107	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25685-1

Method Blank - Batch: 680-72783

Method: RSK-175

Preparation: N/A

Lab Sample ID: MB 680-72783/34
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/17/2007 2002
Date Prepared: N/A

Analysis Batch: 680-72783
Prep Batch: N/A
Units: ug/L

Instrument ID: GC Volatiles - U FID
Lab File ID: UQ1398.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume: 1 uL

Analyte	Result	Qual	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33
Methane	<0.19		0.19

Lab Control Spike - Batch: 680-72783

Method: RSK-175

Preparation: N/A

Lab Sample ID: LCS 680-72783/35
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/18/2007 0248
Date Prepared: N/A

Analysis Batch: 680-72783
Prep Batch: N/A
Units: ug/L

Instrument ID: GC Volatiles - U FID
Lab File ID: UQ1400.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethane	290	278	96	75 - 125	
Ethene	270	245	91	75 - 125	
Methane	150	142	95	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25685-1

Method Blank - Batch: 680-72182

Method: 325.2

Preparation: N/A

Lab Sample ID: MB 680-72182/1

Analysis Batch: 680-72182

Instrument ID: KoneLab1

Client Matrix: Water

Prep Batch: N/A

Lab File ID: N/A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume: 2 mL

Date Analyzed: 04/11/2007 0807

Final Weight/Volume: 2 mL

Date Prepared: N/A

Analyte

Result

Qual

RL

Chloride

<1.0

1.0

Lab Control Spike - Batch: 680-72182

Method: 325.2

Preparation: N/A

Lab Sample ID: LCS 680-72182/2

Analysis Batch: 680-72182

Instrument ID: KoneLab1

Client Matrix: Water

Prep Batch: N/A

Lab File ID: N/A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume: 2 mL

Date Analyzed: 04/11/2007 0810

Final Weight/Volume: 2 mL

Date Prepared: N/A

Analyte

Spike Amount

Result

% Rec.

Limit

Qual

Chloride

50.0

48.4

97

85 - 115

Duplicate - Batch: 680-72182

Method: 325.2

Preparation: N/A

Lab Sample ID: 680-25685-1

Analysis Batch: 680-72182

Instrument ID: KoneLab1

Client Matrix: Water

Prep Batch: N/A

Lab File ID: N/A

Dilution: 1.0

Units: mg/L

Initial Weight/Volume: 2 mL

Date Analyzed: 04/11/2007 0815

Final Weight/Volume: 2 mL

Date Prepared: N/A

Analyte

Sample Result/Qual

Result

RPD

Limit

Qual

Chloride

5.6

4.50

22

30

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25685-1

Method Blank - Batch: 680-72484

Method: 353.2

Preparation: N/A

Lab Sample ID: MB 680-72484/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2007 1312
Date Prepared: N/A

Analysis Batch: 680-72484
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL
Nitrate as N	<0.050		0.050

Lab Control Spike - Batch: 680-72484

Method: 353.2

Preparation: N/A

Lab Sample ID: LCS 680-72484/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2007 1312
Date Prepared: N/A

Analysis Batch: 680-72484
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate as N	1.00	0.979	98	80 - 120	

Duplicate - Batch: 680-72484

Method: 353.2

Preparation: N/A

Lab Sample ID: 680-25685-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/06/2007 1433
Date Prepared: N/A

Analysis Batch: 680-72484
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Nitrate as N	0.075	0.0761	2	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25685-1

Method Blank - Batch: 680-71940

Method: 375.4
Preparation: N/A

Lab Sample ID: MB 680-71940/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/09/2007 1134
Date Prepared: N/A

Analysis Batch: 680-71940
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL
Sulfate	<5.0		5.0

Lab Control Spike - Batch: 680-71940

Method: 375.4
Preparation: N/A

Lab Sample ID: LCS 680-71940/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/09/2007 1134
Date Prepared: N/A

Analysis Batch: 680-71940
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfate	20.0	21.2	106	75 - 125	

Duplicate - Batch: 680-71940

Method: 375.4
Preparation: N/A

Lab Sample ID: 680-25685-7
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 04/09/2007 1217
Date Prepared: N/A

Analysis Batch: 680-71940
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Sulfate	120	116	0	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25685-1

Method Blank - Batch: 680-72228

Method: 415.1

Preparation: N/A

Lab Sample ID: MB 680-72228/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/11/2007 0946
Date Prepared: N/A

Analysis Batch: 680-72228
Prep Batch: N/A
Units: mg/L

Instrument ID: Total Organic Carbon Analy
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 25 mL

Analyte	Result	Qual	RL
Total Organic Carbon	<1.0		1.0

Lab Control Spike - Batch: 680-72228

Method: 415.1

Preparation: N/A

Lab Sample ID: LCS 680-72228/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/11/2007 1017
Date Prepared: N/A

Analysis Batch: 680-72228
Prep Batch: N/A
Units: mg/L

Instrument ID: Total Organic Carbon Analy
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 25 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Organic Carbon	20.0	19.6	98	80 - 120	

Duplicate - Batch: 680-72228

Method: 415.1

Preparation: N/A

Lab Sample ID: 680-25685-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/11/2007 1355
Date Prepared: N/A

Analysis Batch: 680-72228
Prep Batch: N/A
Units: mg/L

Instrument ID: Total Organic Carbon Analy
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 25 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Organic Carbon	1.6	1.60	3	25	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Serial Number 100170

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

**SEVERN
TRENT**

STL

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

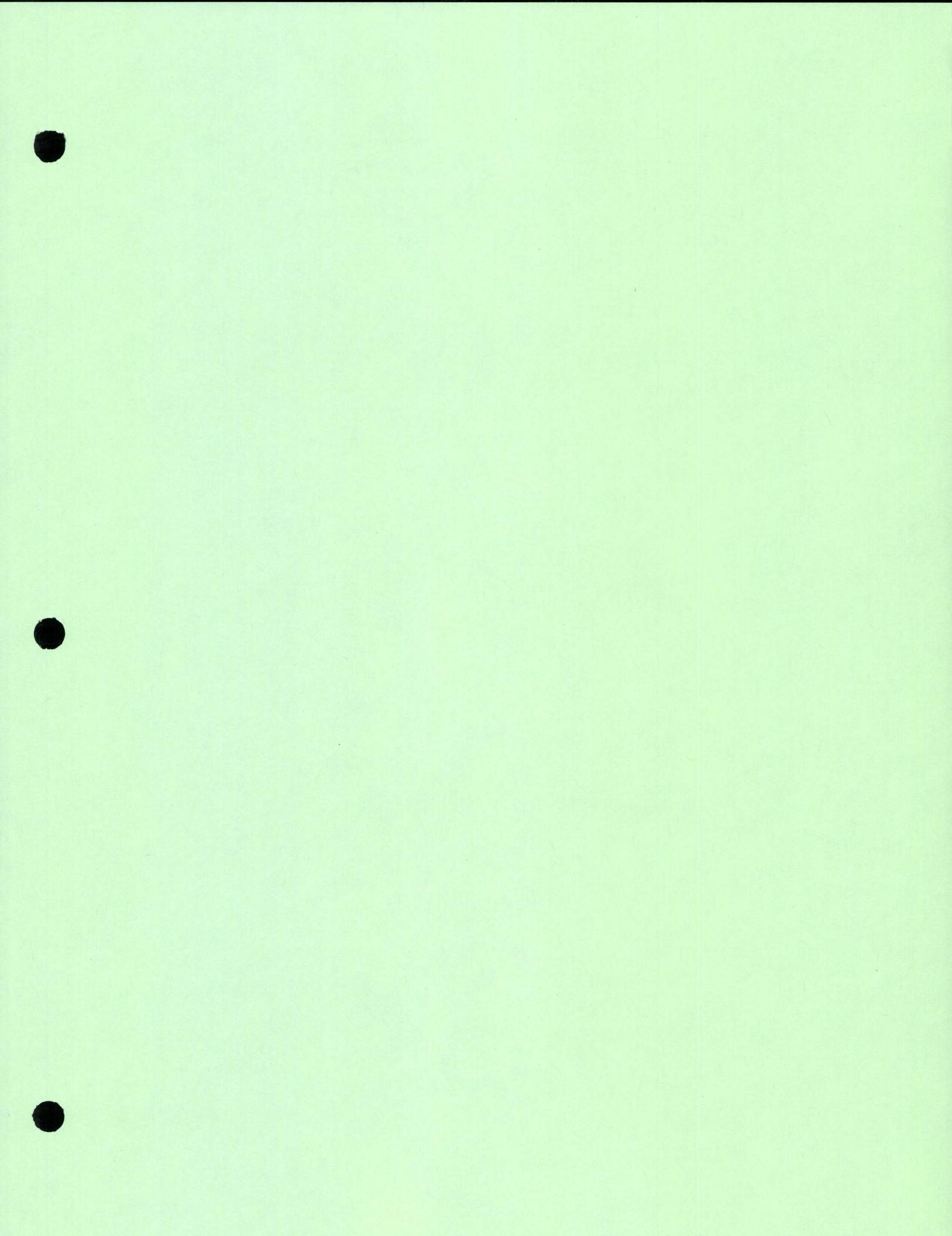
Phone
Fax:

PROJECT REFERENCE <i>Ashland KCK</i>		PROJECT NO.		PROJECT LOCATION (STATE)		MATRIX TYPE		REQUIRED ANALYSIS						PAGE	OF							
STL (LAB) PROJECT MANAGER <i>Terry Horosby</i>		P.O. NUMBER 3767973, 67560		CONTRACT NO.										STANDARD REPORT DELIVERY								
CLIENT (SITE) PM <i>Russell Killebrew</i>		CLIENT PHONE 678-808-8800		CLIENT FAX										DATE DUE _____								
CLIENT NAME <i>WCS Corp</i>		CLIENT E-MAIL												EXPEDITED REPORT DELIVERY (SURCHARGE)								
CLIENT ADDRESS														DATE DUE _____								
COMPANY CONTRACTING THIS WORK (if applicable)														NUMBER OF COOLERS SUBMITTED PER SHIPMENT:								
SAMPLE		SAMPLE IDENTIFICATION				COMPOSITE (C) OR GRAB (G) INDICATE		AQUEOUS (WATER)		SOLID OR SEMISOLID		AIR		NUMBER OF CONTAINERS SUBMITTED						REMARKS		
DATE	TIME																					
4/5/07	9:15	mw - 11 - 040507												X X X X X								
*	10:35	mw - 13 - 040507												X X X X X								
	11:45	mw - 12A - 040507												X X X X X								
	12:10	mw - 12B - 040507 - RB												X X X X X								
	13:15	mw - 12B - 040507												X X X X X								
	15:05	mw - 7A - 040507												X X X X X								
	16:30	mw - 7B - 040507												X X X X X								
		TB - 040507 - A												X								
		TB - 040507 - B												X								
<i>B. Mull</i>														1,4								
RELINQUISHED BY: (SIGNATURE) <i>B. Mull</i>		DATE 4/5/07	TIME 1700	RELINQUISHED BY: (SIGNATURE)				DATE	TIME	RELINQUISHED BY: (SIGNATURE)				DATE	TIME							
RECEIVED BY: (SIGNATURE) <i>John Williams</i>		DATE	TIME	RECEIVED BY: (SIGNATURE)				DATE	TIME	RECEIVED BY: (SIGNATURE)				DATE	TIME							

Laboratory Use Only

STV 680 (12/02)





3

SEVERN
TRENT

STL

ANALYTICAL REPORT

Job Number: 680-25640-1

Job Description: Ashland Kansas City

For:
URS Corporation
400 Northpark Town Center
1000 Abernathy Road N.E., Suite 900
Atlanta, GA 30328

Attention: Mr. Russ Killebrew



Terry Hornsby
Project Manager I
thornsby@stl-inc.com
04/19/2007

Project Manager: Terry Hornsby

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

Severn Trent Laboratories, Inc.
STL Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 351-3673 www.stl-inc.com



METHOD SUMMARY

Client: URS Corporation

Job Number: 680-25640-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS Purge-and-Trap	STL SAV	SW846 8260B	SW846 5030B
Dissolved Gases in Water	STL SAV	RSK RSK-175	
Chloride (Colorimetric, Automated Ferricyanide)	STL SAV	MCAWW 325.2	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	STL SAV	MCAWW 353.2	
Sulfate (Turbidimetric)	STL SAV	MCAWW 375.4	
Total Organic Carbon, Combustion or Oxidation	STL SAV	MCAWW 415.1	

LAB REFERENCES:

STL SAV = STL Savannah

METHOD REFERENCES:

MCAWW - "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

RSK - Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: URS Corporation

Job Number: 680-25640-1

Method	Analyst	Analyst ID
SW846 8260B	Agresta, Maria	MA
SW846 8260B	Graham, Demetri	DG
RSK RSK-175	Hall, Elizabeth	EH
MCAWW 325.2	Ross, Jon	JR
MCAWW 353.2	Lawhon, Jon	JL
MCAWW 375.4	Ross, Jon	JR
MCAWW 415.1	Blackshear, Kim	KB

SAMPLE SUMMARY

Client: URS Corporation

Job Number: 680-25640-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-25640-1	MW-2A-040407	Water	04/04/2007 0845	04/05/2007 0921
680-25640-2	MW-2B-040407	Water	04/04/2007 0935	04/05/2007 0921
680-25640-3	MW-1-040407	Water	04/04/2007 1110	04/05/2007 0921
680-25640-3MS	MW-1-040407	Water	04/04/2007 1300	04/05/2007 0921
680-25640-3MSD	MW-1-040407	Water	04/04/2007 1350	04/05/2007 0921
680-25640-4	MW-8A-040407	Water	04/04/2007 1110	04/05/2007 0921
680-25640-5	MW-8B-040407	Water	04/04/2007 1110	04/05/2007 0921
680-25640-6	MW-8B-040407-D	Water	04/04/2007 1350	04/05/2007 0921
680-25640-7	MW-5-040407	Water	04/04/2007 1520	04/05/2007 0921
680-25640-8TB	TB-040407	Water	04/04/2007 0000	04/05/2007 0921

SAMPLE RESULTS

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

Client Sample ID: MW-2A-040407

Lab Sample ID: 680-25640-1

Client Matrix: Water

Date Sampled: 04/04/2007 0845

Date Received: 04/05/2007 0921

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72459	Instrument ID:	GC/MS Volatiles - P
Preparation:	5030B			Lab File ID:	p3949.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/14/2007 1640			Final Weight/Volume:	5 mL
Date Prepared:	04/14/2007 1640				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	106		79 - 122
4-Bromofluorobenzene	88		77 - 120
Dibromofluoromethane	109		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

Client Sample ID: MW-2B-040407

Lab Sample ID: 680-25640-2

Date Sampled: 04/04/2007 0935

Client Matrix: Water

Date Received: 04/05/2007 0921

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72459	Instrument ID:	GC/MS Volatiles - P
Preparation:	5030B			Lab File ID:	p3950.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/14/2007 1702			Final Weight/Volume:	5 mL
Date Prepared:	04/14/2007 1702				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	105		79 - 122
4-Bromofluorobenzene	86		77 - 120
Dibromofluoromethane	108		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

Client Sample ID: MW-1-040407

Lab Sample ID: 680-25640-3

Date Sampled: 04/04/2007 1110

Client Matrix: Water

Date Received: 04/05/2007 0921

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/15/2007 1426
Date Prepared: 04/15/2007 1426

Analysis Batch: 680-72474

Instrument ID: GC/MS Volatiles - P
Lab File ID: p3981.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	105	79 - 122	
4-Bromofluorobenzene	83	77 - 120	
Dibromofluoromethane	107	75 - 123	

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

Client Sample ID: MW-8A-040407

Lab Sample ID: 680-25640-4

Date Sampled: 04/04/2007 1110

Client Matrix: Water

Date Received: 04/05/2007 0921

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-72521	Instrument ID: GC/MS Volatiles - P
Preparation:	5030B		Lab File ID: p3984.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	04/15/2007 1529		Final Weight/Volume: 5 mL
Date Prepared:	04/15/2007 1529		

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	102		79 - 122
4-Bromofluorobenzene	84		77 - 120
Dibromofluoromethane	107		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

Client Sample ID: MW-8B-040407

Lab Sample ID: 680-25640-5

Client Matrix: Water

Date Sampled: 04/04/2007 1110

Date Received: 04/05/2007 0921

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72521	Instrument ID:	GC/MS Volatiles - P
Preparation:	5030B			Lab File ID:	p3985.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/15/2007 1550			Final Weight/Volume:	5 mL
Date Prepared:	04/15/2007 1550				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	103		79 - 122
4-Bromofluorobenzene	82		77 - 120
Dibromofluoromethane	108		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

Client Sample ID: MW-8B-040407-D

Lab Sample ID: 680-25640-6

Date Sampled: 04/04/2007 1350

Client Matrix: Water

Date Received: 04/05/2007 0921

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72521	Instrument ID:	GC/MS Volatiles - P
Preparation:	5030B			Lab File ID:	p3986.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/15/2007 1611			Final Weight/Volume:	5 mL
Date Prepared:	04/15/2007 1611				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	106		79 - 122
4-Bromofluorobenzene	84		77 - 120
Dibromofluoromethane	109		75 - 123

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

Client Sample ID: MW-5-040407

Lab Sample ID: 680-25640-7

Date Sampled: 04/04/2007 1520

Client Matrix: Water

Date Received: 04/05/2007 0921

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/15/2007 1632
Date Prepared: 04/15/2007 1632

Analysis Batch: 680-72521

Instrument ID: GC/MS Volatiles - P
Lab File ID: p3987.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	100	79 - 122	
4-Bromofluorobenzene	84	77 - 120	
Dibromofluoromethane	106	75 - 123	

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

Client Sample ID: TB-040407

Lab Sample ID: 680-25640-8TB

Client Matrix: Water

Date Sampled: 04/04/2007 0000

Date Received: 04/05/2007 0921

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	680-72459	Instrument ID:	GC/MS Volatiles - P
Preparation:	5030B			Lab File ID:	p3945.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/14/2007 1516			Final Weight/Volume:	5 mL
Date Prepared:	04/14/2007 1516				

Analyte	Result (ug/L)	Qualifier	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	103	79 - 122	
4-Bromofluorobenzene	87	77 - 120	
Dibromofluoromethane	109	75 - 123	

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

Client Sample ID: MW-2A-040407

Lab Sample ID: 680-25640-1

Client Matrix: Water

Date Sampled: 04/04/2007 0845

Date Received: 04/05/2007 0921

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72783	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3600.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/18/2007 0426			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33

Method:	RSK-175	Analysis Batch:	680-72785	Instrument ID:	GC Volatiles - U TCD
Preparation:	N/A			Lab File ID:	U3600.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/18/2007 0426			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	400		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

Client Sample ID: MW-2B-040407

Lab Sample ID: 680-25640-2

Client Matrix: Water

Date Sampled: 04/04/2007 0935

Date Received: 04/05/2007 0921

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72528	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3537.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0341			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	1.1		0.33
Methane	14		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

Client Sample ID: MW-1-040407

Lab Sample ID: 680-25640-3

Client Matrix: Water

Date Sampled: 04/04/2007 1110

Date Received: 04/05/2007 0921

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72528	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3538.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0357			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33
Methane	5.5		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

Client Sample ID: MW-8A-040407

Lab Sample ID: 680-25640-4

Client Matrix: Water

Date Sampled: 04/04/2007 1110

Date Received: 04/05/2007 0921

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72528	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3539.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0413			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33
Methane	1.8		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

Client Sample ID: MW-8B-040407

Lab Sample ID: 680-25640-5

Client Matrix: Water

Date Sampled: 04/04/2007 1110

Date Received: 04/05/2007 0921

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72528	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3540.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0429			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33
Methane	2.8		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

Client Sample ID: MW-8B-040407-D

Lab Sample ID: 680-25640-6

Client Matrix: Water

Date Sampled: 04/04/2007 1350

Date Received: 04/05/2007 0921

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72528	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3541.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0446			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33
Methane	3.1		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

Client Sample ID: MW-5-040407

Lab Sample ID: 680-25640-7

Client Matrix: Water

Date Sampled: 04/04/2007 1520

Date Received: 04/05/2007 0921

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-72528	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A			Lab File ID:	U3542.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0502			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33
Methane	3.0		0.19

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

General Chemistry

Client Sample ID: MW-2A-040407

Lab Sample ID:	680-25640-1	Date Sampled:	04/04/2007 0845
Client Matrix:	Water	Date Received:	04/05/2007 0921

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	30		mg/L	1.0	1.0	325.2
	Anly Batch: 680-71927	Date Analyzed	04/09/2007 0952			
Nitrate as N	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-72484	Date Analyzed	04/05/2007 1505			
Total Organic Carbon	2.7		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72228	Date Analyzed	04/11/2007 1051			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	120		mg/L	25	5.0	375.4
	Anly Batch: 680-71940	Date Analyzed	04/09/2007 1219			

Client Sample ID: MW-2B-040407

Lab Sample ID:	680-25640-2	Date Sampled:	04/04/2007 0935
Client Matrix:	Water	Date Received:	04/05/2007 0921

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	47		mg/L	1.0	1.0	325.2
	Anly Batch: 680-71927	Date Analyzed	04/09/2007 0952			
Nitrate as N	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-72484	Date Analyzed	04/05/2007 1354			
Total Organic Carbon	1.1		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72228	Date Analyzed	04/11/2007 1105			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	140		mg/L	25	5.0	375.4
	Anly Batch: 680-71940	Date Analyzed	04/09/2007 1221			

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

General ChemistryClient Sample ID: **MW-1-040407**

Lab Sample ID: 680-25640-3 Date Sampled: 04/04/2007 1110
Client Matrix: Water Date Received: 04/05/2007 0921

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	9.6		mg/L	2.0	2.0	325.2
	Anly Batch: 680-71927	Date Analyzed	04/09/2007 0950			
Nitrate as N	<0.50		mg/L	0.50	10	353.2
	Anly Batch: 680-72484	Date Analyzed	04/05/2007 1506			
Total Organic Carbon	1.5		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72228	Date Analyzed	04/11/2007 1121			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	380		mg/L	100	20	375.4
	Anly Batch: 680-71940	Date Analyzed	04/09/2007 1237			

Client Sample ID: **MW-8A-040407**

Lab Sample ID: 680-25640-4 Date Sampled: 04/04/2007 1110
Client Matrix: Water Date Received: 04/05/2007 0921

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	22		mg/L	1.0	1.0	325.2
	Anly Batch: 680-71927	Date Analyzed	04/09/2007 0952			
Nitrate as N	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-72484	Date Analyzed	04/05/2007 1506			
Total Organic Carbon	<1.0		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72228	Date Analyzed	04/11/2007 1208			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	230		mg/L	50	10	375.4
	Anly Batch: 680-71940	Date Analyzed	04/09/2007 1240			

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

General Chemistry

Client Sample ID: MW-8B-040407

Lab Sample ID: 680-25640-5 Date Sampled: 04/04/2007 1110
Client Matrix: Water Date Received: 04/05/2007 0921

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	43		mg/L	1.0	1.0	325.2
	Anly Batch: 680-71927	Date Analyzed	04/09/2007 0952			
Nitrate as N	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-72484	Date Analyzed	04/05/2007 1359			
Total Organic Carbon	1.1		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72228	Date Analyzed	04/11/2007 1222			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	120		mg/L	25	5.0	375.4
	Anly Batch: 680-71940	Date Analyzed	04/09/2007 1223			

Client Sample ID: MW-8B-040407-D

Lab Sample ID: 680-25640-6 Date Sampled: 04/04/2007 1350
Client Matrix: Water Date Received: 04/05/2007 0921

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	44		mg/L	1.0	1.0	325.2
	Anly Batch: 680-71927	Date Analyzed	04/09/2007 0952			
Nitrate as N	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-72484	Date Analyzed	04/05/2007 1359			
Total Organic Carbon	1.0		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72228	Date Analyzed	04/11/2007 1309			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	120		mg/L	25	5.0	375.4
	Anly Batch: 680-71940	Date Analyzed	04/09/2007 1223			

Analytical Data

Client: URS Corporation

Job Number: 680-25640-1

General Chemistry

Client Sample ID: MW-5-040407

Lab Sample ID: 680-25640-7
Client Matrix: WaterDate Sampled: 04/04/2007 1520
Date Received: 04/05/2007 0921

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	31		mg/L	1.0	1.0	325.2
	Anly Batch: 680-71927	Date Analyzed	04/09/2007 1009			
Nitrate as N	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-72484	Date Analyzed	04/05/2007 1359			
Total Organic Carbon	1.0		mg/L	1.0	1.0	415.1
	Anly Batch: 680-72228	Date Analyzed	04/11/2007 1324			

Analyte	Result	Qual	Units	RL	Dil	Method
Sulfate	100		mg/L	25	5.0	375.4
	Anly Batch: 680-71940	Date Analyzed	04/09/2007 1225			

DATA REPORTING QUALIFIERS

Client: URS Corporation

Job Number: 680-25640-1

<u>Lab Section</u>	<u>Qualifier</u>	<u>Description</u>
General Chemistry	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

QUALITY CONTROL RESULTS

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-72459					
LCS 680-72459/4	Lab Control Spike	T	Water	8260B	
LCSD 680-72459/26	Lab Control Spike Duplicate	T	Water	8260B	
MB 680-72459/6	Method Blank	T	Water	8260B	
680-25640-1	MW-2A-040407	T	Water	8260B	
680-25640-2	MW-2B-040407	T	Water	8260B	
680-25640-8TB	TB-040407	T	Water	8260B	
Analysis Batch:680-72474					
LCS 680-72474/4	Lab Control Spike	T	Water	8260B	
MB 680-72474/14	Method Blank	T	Water	8260B	
680-25640-3	MW-1-040407	T	Water	8260B	
Analysis Batch:680-72521					
LCS 680-72521/20	Lab Control Spike	T	Water	8260B	
MB 680-72521/3	Method Blank	T	Water	8260B	
680-25640-3MS	Matrix Spike	T	Water	8260B	
680-25640-3MSD	Matrix Spike Duplicate	T	Water	8260B	
680-25640-4	MW-8A-040407	T	Water	8260B	
680-25640-5	MW-8B-040407	T	Water	8260B	
680-25640-6	MW-8B-040407-D	T	Water	8260B	
680-25640-7	MW-5-040407	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Analysis Batch:680-72528					
LCS 680-72528/22	Lab Control Spike	T	Water	RSK-175	
MB 680-72528/23	Method Blank	T	Water	RSK-175	
680-25640-2	MW-2B-040407	T	Water	RSK-175	
680-25640-3	MW-1-040407	T	Water	RSK-175	
680-25640-3MS	Matrix Spike	T	Water	RSK-175	
680-25640-3MSD	Matrix Spike Duplicate	T	Water	RSK-175	
680-25640-4	MW-8A-040407	T	Water	RSK-175	
680-25640-5	MW-8B-040407	T	Water	RSK-175	
680-25640-6	MW-8B-040407-D	T	Water	RSK-175	
680-25640-7	MW-5-040407	T	Water	RSK-175	
Analysis Batch:680-72783					
LCS 680-72783/35	Lab Control Spike	T	Water	RSK-175	
MB 680-72783/34	Method Blank	T	Water	RSK-175	
680-25640-1	MW-2A-040407	T	Water	RSK-175	
Analysis Batch:680-72785					
LCS 680-72785/6	Lab Control Spike	T	Water	RSK-175	
680-25640-1	MW-2A-040407	T	Water	RSK-175	

Report Basis

T = Total

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:680-71927					
LCS 680-71927/2	Lab Control Spike	T	Water	325.2	
MB 680-71927/1	Method Blank	T	Water	325.2	
680-25640-1	MW-2A-040407	T	Water	325.2	
680-25640-2	MW-2B-040407	T	Water	325.2	
680-25640-3	MW-1-040407	T	Water	325.2	
680-25640-3MS	Matrix Spike	T	Water	325.2	
680-25640-3MSD	Matrix Spike Duplicate	T	Water	325.2	
680-25640-4	MW-8A-040407	T	Water	325.2	
680-25640-5	MW-8B-040407	T	Water	325.2	
680-25640-6	MW-8B-040407-D	T	Water	325.2	
680-25640-7	MW-5-040407	T	Water	325.2	
Analysis Batch:680-71940					
LCS 680-71940/2	Lab Control Spike	T	Water	375.4	
MB 680-71940/1	Method Blank	T	Water	375.4	
680-25640-1	MW-2A-040407	T	Water	375.4	
680-25640-2	MW-2B-040407	T	Water	375.4	
680-25640-3	MW-1-040407	T	Water	375.4	
680-25640-3MS	Matrix Spike	T	Water	375.4	
680-25640-3MSD	Matrix Spike Duplicate	T	Water	375.4	
680-25640-4	MW-8A-040407	T	Water	375.4	
680-25640-5	MW-8B-040407	T	Water	375.4	
680-25640-6	MW-8B-040407-D	T	Water	375.4	
680-25640-7	MW-5-040407	T	Water	375.4	
Analysis Batch:680-72228					
LCS 680-72228/4	Lab Control Spike	T	Water	415.1	
LCSD 680-72228/5	Lab Control Spike Duplicate	T	Water	415.1	
MB 680-72228/2	Method Blank	T	Water	415.1	
680-25640-1	MW-2A-040407	T	Water	415.1	
680-25640-2	MW-2B-040407	T	Water	415.1	
680-25640-3	MW-1-040407	T	Water	415.1	
680-25640-3MS	Matrix Spike	T	Water	415.1	
680-25640-3MSD	Matrix Spike Duplicate	T	Water	415.1	
680-25640-4	MW-8A-040407	T	Water	415.1	
680-25640-5	MW-8B-040407	T	Water	415.1	
680-25640-6	MW-8B-040407-D	T	Water	415.1	
680-25640-7	MW-5-040407	T	Water	415.1	

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:680-72484					
LCS 680-72484/2	Lab Control Spike	T	Water	353.2	
MB 680-72484/1	Method Blank	T	Water	353.2	
680-25640-1	MW-2A-040407	T	Water	353.2	
680-25640-2	MW-2B-040407	T	Water	353.2	
680-25640-3	MW-1-040407	T	Water	353.2	
680-25640-3MS	Matrix Spike	T	Water	353.2	
680-25640-3MSD	Matrix Spike Duplicate	T	Water	353.2	
680-25640-4	MW-8A-040407	T	Water	353.2	
680-25640-5	MW-8B-040407	T	Water	353.2	
680-25640-6	MW-8B-040407-D	T	Water	353.2	
680-25640-7	MW-5-040407	T	Water	353.2	

Report Basis

T = Total

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Surrogate Recovery Report**8260B Volatile Organic Compounds by GC/MS****Client Matrix: Water**

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	(BFB) (% Rec)	(DFM) (% Rec)	(TOL) (% Rec)
LCS 680-72459/4		87	105	95
LCS 680-72474/4		95	107	111
LCS 680-72521/20		94	102	100
LCSD 680-72459/26		94	106	105
MB 680-72459/6		90	113	107
MB 680-72474/14		88	107	103
MB 680-72521/3		86	106	105
680-25640-1	MW-2A-040407	88	109	106
680-25640-2	MW-2B-040407	86	108	105
680-25640-3	MW-1-040407	83	107	105
680-25640-3 MS	MW-1-040407	101	111	114
680-25640-3 MSD	MW-1-040407	96	109	106
680-25640-4	MW-8A-040407	84	107	102
680-25640-5	MW-8B-040407	82	108	103
680-25640-6	MW-8B-040407-D	84	109	106
680-25640-7	MW-5-040407	84	106	100
680-25640-8	TB-040407	87	109	103

SurrogateAcceptance Limits

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

(BFB)	4-Bromofluorobenzene	77 - 120
(DFM)	Dibromofluoromethane	75 - 123
(TOL)	Toluene-d8 (Surr)	79 - 122

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Method Blank - Batch: 680-72459

Lab Sample ID: MB 680-72459/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/14/2007 0835
Date Prepared: 04/14/2007 0835

Analysis Batch: 680-72459
Prep Batch: N/A
Units: ug/L

Method: 8260B
Preparation: 5030B

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq917.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	107	79 - 122	
4-Bromofluorobenzene	90	77 - 120	
Dibromofluoromethane	113	75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

**Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 680-72459**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 680-72459/4
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 04/14/2007 0732
 Date Prepared: 04/14/2007 0732

Analysis Batch: 680-72459
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - P
 Lab File ID: pq914.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-72459/26
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 04/14/2007 0753
 Date Prepared: 04/14/2007 0753

Analysis Batch: 680-72459
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - P
 Lab File ID: pq915.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	% Rec.						
	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	86	82	51 - 133	4	50		
Bromomethane	87	93	21 - 176	7	50		
Vinyl chloride	81	81	59 - 136	1	50		
Chloroethane	98	97	40 - 171	1	50		
Methylene Chloride	101	101	67 - 128	0	30		
Acetone	79	103	20 - 183	27	50		
Carbon disulfide	87	104	60 - 130	18	30		
1,1-Dichloroethene	122	113	64 - 132	7	30		
1,1-Dichloroethane	107	104	70 - 127	3	30		
cis-1,2-Dichloroethene	118	115	69 - 126	3	30		
trans-1,2-Dichloroethene	111	112	67 - 130	1	30		
Chloroform	104	103	74 - 124	1	30		
1,2-Dichloroethane	92	98	68 - 130	7	30		
2-Butanone (MEK)	86	103	51 - 142	18	30		
1,1,1-Trichloroethane	101	102	70 - 132	1	30		
Carbon tetrachloride	103	104	64 - 137	1	30		
Bromodichloromethane	98	97	74 - 128	1	30		
1,1,2,2-Tetrachloroethane	86	98	71 - 127	13	30		
1,2-Dichloropropane	95	98	74 - 123	3	30		
trans-1,3-Dichloropropene	87	94	75 - 126	8	30		
Trichloroethene	100	106	75 - 122	6	30		
Dibromochloromethane	105	113	75 - 126	8	30		
1,1,2-Trichloroethane	89	97	75 - 122	9	30		
Benzene	98	102	74 - 122	4	30		
cis-1,3-Dichloropropene	87	95	76 - 126	9	30		
Bromoform	90	95	64 - 132	5	30		
2-Hexanone	79	93	58 - 139	17	30		
4-Methyl-2-pentanone (MIBK)	80	90	62 - 130	12	30		
Tetrachloroethene	110	113	70 - 133	3	30		
Toluene	91	96	75 - 122	5	30		
Chlorobenzene	99	102	75 - 123	3	30		
Ethylbenzene	88	92	77 - 123	4	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 680-72459

Method: 8260B

Preparation: 5030B

LCS Lab Sample ID:	LCS 680-72459/4	Analysis Batch:	680-72459	Instrument ID:	GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	pq914.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	04/14/2007 0732			Final Weight/Volume:	5 mL
Date Prepared:	04/14/2007 0732				

LCSD Lab Sample ID:	LCSD 680-72459/26	Analysis Batch:	680-72459	Instrument ID:	GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	pq915.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	04/14/2007 0753			Final Weight/Volume:	5 mL
Date Prepared:	04/14/2007 0753				

Analyte	% Rec.		RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD				
Styrene	87	89	75 - 125	3	30	
Xylenes, Total	86	88	77 - 121	2	30	
Surrogate						
LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	95		105		79 - 122	
4-Bromofluorobenzene	87		94		77 - 120	
Dibromofluoromethane	105		106		75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Method Blank - Batch: 680-72474

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-72474/14
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 04/15/2007 1012
 Date Prepared: 04/15/2007 1012

Analysis Batch: 680-72474
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - P
 Lab File ID: pq930.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	103	79 - 122	
4-Bromofluorobenzene	88	77 - 120	
Dibromofluoromethane	107	75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Lab Control Spike - Batch: 680-72474

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-72474/4

Analysis Batch: 680-72474

Instrument ID: GC/MS Volatiles - P

Client Matrix: Water

Prep Batch: N/A

Lab File ID: pq927.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 5 mL

Date Analyzed: 04/15/2007 0909

Final Weight/Volume: 5 mL

Date Prepared: 04/15/2007 0909

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	42.0	84	51 - 133	
Bromomethane	50.0	52.4	105	21 - 176	
Vinyl chloride	50.0	41.2	82	59 - 136	
Chloroethane	50.0	52.6	105	40 - 171	
Methylene Chloride	50.0	50.5	101	67 - 128	
Acetone	100	112	112	20 - 183	
Carbon disulfide	50.0	53.5	107	60 - 130	
1,1-Dichloroethene	50.0	56.9	114	64 - 132	
1,1-Dichloroethane	50.0	53.2	106	70 - 127	
cis-1,2-Dichloroethene	50.0	57.2	114	69 - 126	
trans-1,2-Dichloroethene	50.0	56.9	114	67 - 130	
Chloroform	50.0	50.7	101	74 - 124	
1,2-Dichloroethane	50.0	50.8	102	68 - 130	
2-Butanone (MEK)	100	110	110	51 - 142	
1,1,1-Trichloroethane	50.0	54.2	108	70 - 132	
Carbon tetrachloride	50.0	56.6	113	64 - 137	
Bromodichloromethane	50.0	51.5	103	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	52.5	105	71 - 127	
1,2-Dichloropropane	50.0	50.1	100	74 - 123	
trans-1,3-Dichloropropene	50.0	48.1	96	75 - 126	
Trichloroethene	50.0	54.7	109	75 - 122	
Dibromochloromethane	50.0	56.2	112	75 - 126	
1,1,2-Trichloroethane	50.0	52.0	104	75 - 122	
Benzene	50.0	53.2	106	74 - 122	
cis-1,3-Dichloropropene	50.0	47.6	95	76 - 126	
Bromoform	50.0	49.1	98	64 - 132	
2-Hexanone	100	104	104	58 - 139	
4-Methyl-2-pentanone (MIBK)	100	95.8	96	62 - 130	
Tetrachloroethene	50.0	59.7	119	70 - 133	
Toluene	50.0	48.1	96	75 - 122	
Chlorobenzene	50.0	52.2	104	75 - 123	
Ethylbenzene	50.0	47.7	95	77 - 123	
Styrene	50.0	45.7	91	75 - 125	
Xylenes, Total	150	138	92	77 - 121	
Surrogate		% Rec		Acceptance Limits	
Toluene-d8 (Surr)		111		79 - 122	
4-Bromofluorobenzene		95		77 - 120	
Dibromofluoromethane		107		75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Method Blank - Batch: 680-72521

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-72521/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/15/2007 1405
Date Prepared: 04/15/2007 1405

Analysis Batch: 680-72521
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq932.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Chloromethane	<1.0		1.0
Bromomethane	<1.0		1.0
Vinyl chloride	<1.0		1.0
Chloroethane	<1.0		1.0
Methylene Chloride	<5.0		5.0
Acetone	<25		25
Carbon disulfide	<2.0		2.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
Chloroform	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
2-Butanone (MEK)	<10		10
1,1,1-Trichloroethane	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Bromodichloromethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Trichloroethene	<1.0		1.0
Dibromochloromethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Benzene	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
Bromoform	<1.0		1.0
2-Hexanone	<10		10
4-Methyl-2-pentanone (MIBK)	<10		10
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
Chlorobenzene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Styrene	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	105	79 - 122	
4-Bromofluorobenzene	86	77 - 120	
Dibromofluoromethane	106	75 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Lab Control Spike - Batch: 680-72521

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-72521/20
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 04/15/2007 0930
 Date Prepared: 04/15/2007 0930

Analysis Batch: 680-72521
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - P
 Lab File ID: pq928.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	40.2	80	51 - 133	
Bromomethane	50.0	48.3	97	21 - 176	
Vinyl chloride	50.0	38.6	77	59 - 136	
Chloroethane	50.0	47.7	95	40 - 171	
Methylene Chloride	50.0	49.9	100	67 - 128	
Acetone	100	88.9	89	20 - 183	
Carbon disulfide	50.0	41.4	83	60 - 130	
1,1-Dichloroethene	50.0	57.9	116	64 - 132	
1,1-Dichloroethane	50.0	51.2	102	70 - 127	
cis-1,2-Dichloroethene	50.0	56.0	112	69 - 126	
trans-1,2-Dichloroethene	50.0	52.5	105	67 - 130	
Chloroform	50.0	50.8	102	74 - 124	
1,2-Dichloroethane	50.0	50.0	100	68 - 130	
2-Butanone (MEK)	100	96.6	97	51 - 142	
1,1,1-Trichloroethane	50.0	51.7	103	70 - 132	
Carbon tetrachloride	50.0	56.2	112	64 - 137	
Bromodichloromethane	50.0	51.7	103	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	51.1	102	71 - 127	
1,2-Dichloropropane	50.0	50.4	101	74 - 123	
trans-1,3-Dichloropropene	50.0	46.8	94	75 - 126	
Trichloroethene	50.0	52.4	105	75 - 122	
Dibromochloromethane	50.0	58.6	117	75 - 126	
1,1,2-Trichloroethane	50.0	51.3	103	75 - 122	
Benzene	50.0	51.3	103	74 - 122	
cis-1,3-Dichloropropene	50.0	46.1	92	76 - 126	
Bromoform	50.0	48.9	98	64 - 132	
2-Hexanone	100	95.4	95	58 - 139	
4-Methyl-2-pentanone (MIBK)	100	96.3	96	62 - 130	
Tetrachloroethene	50.0	56.5	113	70 - 133	
Toluene	50.0	47.4	95	75 - 122	
Chlorobenzene	50.0	52.5	105	75 - 123	
Ethylbenzene	50.0	46.8	94	77 - 123	
Styrene	50.0	46.4	93	75 - 125	
Xylenes, Total	150	135	90	77 - 121	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	100	79 - 122
4-Bromofluorobenzene	94	77 - 120
Dibromofluoromethane	102	75 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-72521**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 680-25640-3 Analysis Batch: 680-72521
 Client Matrix: Water Prep Batch: N/A
 Dilution: 1.0
 Date Analyzed: 04/15/2007 1839
 Date Prepared: 04/15/2007 1839

Instrument ID: GC/MS Volatiles - P
 Lab File ID: p3993.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-25640-3 Analysis Batch: 680-72521
 Client Matrix: Water Prep Batch: N/A
 Dilution: 1.0
 Date Analyzed: 04/15/2007 1900
 Date Prepared: 04/15/2007 1900

Instrument ID: GC/MS Volatiles - P
 Lab File ID: p3994.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	% Rec.		RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD				
Chloromethane	90	88	51 - 133	2	50	
Bromomethane	83	86	21 - 176	3	50	
Vinyl chloride	87	88	59 - 136	1	50	
Chloroethane	101	99	40 - 171	2	50	
Methylene Chloride	106	105	67 - 128	1	30	
Acetone	76	73	20 - 183	4	50	
Carbon disulfide	114	113	60 - 130	1	30	
1,1-Dichloroethene	114	115	64 - 132	1	30	
1,1-Dichloroethane	112	110	70 - 127	2	30	
cis-1,2-Dichloroethene	119	119	69 - 126	1	30	
trans-1,2-Dichloroethene	118	116	67 - 130	1	30	
Chloroform	109	106	74 - 124	3	30	
1,2-Dichloroethane	103	96	68 - 130	7	30	
2-Butanone (MEK)	96	92	51 - 142	4	30	
1,1,1-Trichloroethane	112	105	70 - 132	6	30	
Carbon tetrachloride	114	111	64 - 137	3	30	
Bromodichloromethane	108	101	74 - 128	7	30	
1,1,2,2-Tetrachloroethane	110	104	71 - 127	5	30	
1,2-Dichloropropane	105	97	74 - 123	8	30	
trans-1,3-Dichloropropene	91	85	75 - 126	7	30	
Trichloroethene	112	105	75 - 122	6	30	
Dibromochloromethane	119	115	75 - 126	3	30	
1,1,2-Trichloroethane	107	100	75 - 122	7	30	
Benzene	109	103	74 - 122	6	30	
cis-1,3-Dichloropropene	89	85	76 - 126	4	30	
Bromoform	101	96	64 - 132	5	30	
2-Hexanone	87	83	58 - 139	5	30	
4-Methyl-2-pentanone (MIBK)	90	87	62 - 130	3	30	
Tetrachloroethene	121	117	70 - 133	3	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-72521

Method: 8260B

Preparation: 5030B

MS Lab Sample ID:	680-25640-3	Analysis Batch:	680-72521	Instrument ID:	GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p3993.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/15/2007 1839			Final Weight/Volume:	5 mL
Date Prepared:	04/15/2007 1839				
MSD Lab Sample ID:	680-25640-3	Analysis Batch:	680-72521	Instrument ID:	GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p3994.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	04/15/2007 1900			Final Weight/Volume:	5 mL
Date Prepared:	04/15/2007 1900				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Toluene	102	94	75 - 122	9	30		
Chlorobenzene	111	105	75 - 123	6	30		
Ethylbenzene	100	95	77 - 123	6	30		
Styrene	94	91	75 - 125	3	30		
Xylenes, Total	97	93	77 - 121	4	30		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	114		106		79 - 122		
4-Bromofluorobenzene	101		96		77 - 120		
Dibromofluoromethane	111		109		75 - 123		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Method Blank - Batch: 680-72528

Method: RSK-175

Preparation: N/A

Lab Sample ID: MB 680-72528/23
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2007 0048
Date Prepared: N/A

Analysis Batch: 680-72528
Prep Batch: N/A
Units: ug/L

Instrument ID: GC Volatiles - U FID
Lab File ID: UQ1380.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume: 1 uL

Analyte	Result	Qual	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33
Methane	<0.19		0.19

Lab Control Spike - Batch: 680-72528

Method: RSK-175

Preparation: N/A

Lab Sample ID: LCS 680-72528/22
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/12/2007 2311
Date Prepared: N/A

Analysis Batch: 680-72528
Prep Batch: N/A
Units: ug/L

Instrument ID: GC Volatiles - U FID
Lab File ID: UQ1374.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethane	290	267	92	75 - 125	
Ethene	270	250	93	75 - 125	
Methane	150	141	94	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-72528

Method: RSK-175

Preparation: N/A

MS Lab Sample ID:	680-25640-3	Analysis Batch:	680-72528	Instrument ID:	GC Volatiles - U FID
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	U3549.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0656			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL

MSD Lab Sample ID:	680-25640-3	Analysis Batch:	680-72528	Instrument ID:	GC Volatiles - U FID
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	U3550.D
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/13/2007 0712			Final Weight/Volume:	1000 uL
Date Prepared:	N/A			Injection Volume:	1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Ethane	96	100	75 - 125	5	30		
Ethene	94	97	75 - 125	2	30		
Methane	109	105	75 - 125	3	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Method Blank - Batch: 680-72783

Method: RSK-175

Preparation: N/A

Lab Sample ID: MB 680-72783/34
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/17/2007 2002
Date Prepared: N/A

Analysis Batch: 680-72783
Prep Batch: N/A
Units: ug/L

Instrument ID: GC Volatiles - U FID
Lab File ID: UQ1398.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume: 1 uL

Analyte	Result	Qual	RL
Ethane	<0.35		0.35
Ethene	<0.33		0.33
Methane	<0.19		0.19

Lab Control Spike - Batch: 680-72783

Method: RSK-175

Preparation: N/A

Lab Sample ID: LCS 680-72783/35
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/18/2007 0248
Date Prepared: N/A

Analysis Batch: 680-72783
Prep Batch: N/A
Units: ug/L

Instrument ID: GC Volatiles - U FID
Lab File ID: UQ1400.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethane	290	278	96	75 - 125	
Ethene	270	245	91	75 - 125	
Methane	150	142	95	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Lab Control Spike - Batch: 680-72785

Method: RSK-175

Preparation: N/A

Lab Sample ID: LCS 680-72785/6

Analysis Batch: 680-72785

Instrument ID: GC Volatiles - U TCD

Client Matrix: Water

Prep Batch: N/A

Lab File ID: UQ1397.D

Dilution: 1.0

Units: ug/L

Initial Weight/Volume:

Date Analyzed: 04/17/2007 1927

Final Weight/Volume: 1000 uL

Date Prepared: N/A

Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methane	1900	1910	101	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Method Blank - Batch: 680-71927

Method: 325.2

Preparation: N/A

Lab Sample ID: MB 680-71927/1 Analysis Batch: 680-71927
Client Matrix: Water Prep Batch: N/A
Dilution: 1.0 Units: mg/L
Date Analyzed: 04/09/2007 0928
Date Prepared: N/A

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL
Chloride	<1.0		1.0

Lab Control Spike - Batch: 680-71927

Method: 325.2

Preparation: N/A

Lab Sample ID: LCS 680-71927/2 Analysis Batch: 680-71927
Client Matrix: Water Prep Batch: N/A
Dilution: 1.0 Units: mg/L
Date Analyzed: 04/09/2007 0942
Date Prepared: N/A

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	50.0	49.5	99	85 - 115	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-71927

Method: 325.2

Preparation: N/A

MS Lab Sample ID: 680-25640-3 Analysis Batch: 680-71927
Client Matrix: Water Prep Batch: N/A
Dilution: 1.0
Date Analyzed: 04/09/2007 0942
Date Prepared: N/A

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 680-25640-3 Analysis Batch: 680-71927
Client Matrix: Water Prep Batch: N/A
Dilution: 1.0
Date Analyzed: 04/09/2007 0942
Date Prepared: N/A

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	95	96	85 - 115	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Method Blank - Batch: 680-72484

Method: 353.2

Preparation: N/A

Lab Sample ID: MB 680-72484/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2007 1312
Date Prepared: N/A

Analysis Batch: 680-72484
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL
Nitrate as N	<0.050		0.050
Nitrate Nitrite as N	<0.050		0.050
Nitrite as N	<0.050		0.050

Lab Control Spike - Batch: 680-72484

Method: 353.2

Preparation: N/A

Lab Sample ID: LCS 680-72484/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/13/2007 1312
Date Prepared: N/A

Analysis Batch: 680-72484
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrate as N	1.00	0.979	98	80 - 120	
Nitrate Nitrite as N	1.00	0.979	98	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-72484

Method: 353.2
Preparation: N/A

MS Lab Sample ID: 680-25640-3 Analysis Batch: 680-72484
Client Matrix: Water Prep Batch: N/A
Dilution: 10
Date Analyzed: 04/05/2007 1506
Date Prepared: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 680-25640-3 Analysis Batch: 680-72484
Client Matrix: Water Prep Batch: N/A
Dilution: 10
Date Analyzed: 04/05/2007 1506
Date Prepared: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Nitrate as N	92	95	80 - 120	3	30		
Nitrate Nitrite as N	92	95	80 - 120	3	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Method Blank - Batch: 680-71940

Method: 375.4

Preparation: N/A

Lab Sample ID: MB 680-71940/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/09/2007 1134
Date Prepared: N/A

Analysis Batch: 680-71940
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Result	Qual	RL
Sulfate	<5.0		5.0

Lab Control Spike - Batch: 680-71940

Method: 375.4

Preparation: N/A

Lab Sample ID: LCS 680-71940/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/09/2007 1134
Date Prepared: N/A

Analysis Batch: 680-71940
Prep Batch: N/A
Units: mg/L

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 2 mL
Final Weight/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfate	20.0	21.2	106	75 - 125	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-71940

Method: 375.4

Preparation: N/A

MS Lab Sample ID: 680-25640-3
Client Matrix: Water
Dilution: 20
Date Analyzed: 04/09/2007 1239
Date Prepared: N/A

Analysis Batch: 680-71940
Prep Batch: N/A

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 680-25640-3
Client Matrix: Water
Dilution: 20
Date Analyzed: 04/09/2007 1239
Date Prepared: N/A

Analysis Batch: 680-71940
Prep Batch: N/A

Instrument ID: KoneLab1
Lab File ID: N/A
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Sulfate	19	43	75 - 125	1	30	4	4

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Method Blank - Batch: 680-72228

Method: 415.1
Preparation: N/A

Lab Sample ID: MB 680-72228/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/11/2007 0946
Date Prepared: N/A

Analysis Batch: 680-72228
Prep Batch: N/A
Units: mg/L

Instrument ID: Total Organic Carbon Analyze
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 25 mL

Analyte	Result	Qual	RL
Total Organic Carbon	<1.0		1.0

Lab Control Spike - Batch: 680-72228

Method: 415.1
Preparation: N/A

Lab Sample ID: LCS 680-72228/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/11/2007 1017
Date Prepared: N/A

Analysis Batch: 680-72228
Prep Batch: N/A
Units: mg/L

Instrument ID: Total Organic Carbon Analyze
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 25 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Organic Carbon	20.0	19.6	98	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: URS Corporation

Job Number: 680-25640-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-72228

Method: 415.1

Preparation: N/A

MS Lab Sample ID:	680-25640-3	Analysis Batch:	680-72228	Instrument ID:	Total Organic Carbon
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/11/2007 1137			Final Weight/Volume:	25 mL
Date Prepared:	N/A				

MSD Lab Sample ID:	680-25640-3	Analysis Batch:	680-72228	Instrument ID:	Total Organic Carbon Analyze
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	
Date Analyzed:	04/11/2007 1152			Final Weight/Volume:	25 mL
Date Prepared:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Total Organic Carbon	97	98	80 - 120	1	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN
TRENT

STL

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE <i>Ashland KCK</i>	PROJECT NO. <i>P.O. NUMBER 37079130.01500</i>	PROJECT LOCATION (STATE) <i>CONTRACT NO.</i>	MATRIX TYPE	REQUIRED ANALYSIS								PAGE <u>1</u> OF <u>1</u>			
STL (LAB) PROJECT MANAGER <i>Terry Hornsby</i>	CLIENT (SITE) PM <i>Russell Killebrew</i>	CLIENT PHONE <i>678-808-8800</i>	CLIENT FAX									STANDARD REPORT DELIVERY DATE DUE _____			
CLIENT NAME <i>URS Corp.</i>	CLIENT E-MAIL									EXPEDITED REPORT DELIVERY (SURCHARGE) DATE DUE _____					
CLIENT ADDRESS <i>Atlanta, GA</i>									NUMBER OF COOLERS SUBMITTED PER SHIPMENT: <u>2</u>						
COMPANY CONTRACTING THIS WORK (if applicable)												REMARKS			
SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION										NUMBER OF CONTAINERS SUBMITTED			
4/4/07	845	mw-za-040407										G X	X X X X X		
	935	mw-zb-040407										G X	X X X X X		
	1110	mw-1 - 040407										G Y	X X X X X		
	1300	mw-8a - 040407										G X	X X X X X		
	1350	mw-8b - 040407										G X	X X X X X		
	1110	mw- 1 - 040407-ms										G X	X X X X X		
	1110	mw- 1 - 040407-msd										G X	X X X X X		
	1350	mw-8b - 040407-d										G X	X X X X X		
	1520	mw - s - 040407										G X	X X X X X		
		TB - 040407-A										G X	X		
		TB - 040407-B										G X	X		

RELINQUISHED BY: (SIGNATURE) <i>Butch Johnson</i>	DATE <i>4/4/07</i>	TIME <i>1700</i>	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>Quality Control</i>	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY	CUSTODY SEAL NO. <i>600-7340D</i>	STL SAVANNAH LOG NO. <i>600-7340D</i>	LABORATORY REMARKS
<i>4/4/07</i>	<i>0921</i>		